



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 5

[List View](#)

General Information

[Contact](#)[Default Values](#)[Discount](#)[Document Information](#)[Clarification Request](#)

Procurement Folder: 1249204

Procurement Type: Central Master Agreement

Vendor ID: 000000117961 

Legal Name: THOMAS SCIENTIFIC HOLDINGS LLC

Alias/DBA:

Total Bid: \$166,831.85

Response Date: 08/21/2023 

Response Time: 19:47

Responded By User ID: AnnG 

First Name: Quotes

Last Name: Team

Email: quotes@ThomasSci.com

Phone: 856-832-3148

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP2400000002

Published Date: 8/11/23

Close Date: 8/22/23

Close Time: 13:30

Status: Closed

Solicitation Description: Lab Testing Equipment and Supplies

Total of Header Attachments: 5

Total of All Attachments: 5



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1249204
Solicitation Description: Lab Testing Equipment and Supplies
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2023-08-22 13:30	SR 0313 ESR08212300000000803	1

VENDOR
 000000117961
 THOMAS SCIENTIFIC HOLDINGS LLC

Solicitation Number: CRFQ 0313 DEP2400000002
Total Bid: 166831.8500000000058207660913 **Response Date:** 2023-08-21 **Response Time:** 19:47:08
Comments:

FOR INFORMATION CONTACT THE BUYER
 Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Laboratory and scientific equipment and supplies	1.00000	EA	166831.850000	166831.85

Comm Code	Manufacturer	Specification	Model #
41120000			

Commodity Line Comments: Please see Additional Details attachment for notes regarding UOM and Minimum order Quantities. Delivery time is 3-5 days ARO for in stock items.
See Literature attached for product specification information

Extended Description:

Vendors must provide a Unit Price for the items on the Attachment Exhibit A Pricing Page meeting the minimum requirement of each description. Please note that any reference to brand is for quality purposes only and the words or equal are implied.

CHM00A664

Mfr. No. CG6LI1-30ML

Description 1000ug/mL 6LITHIUM 30mL UN3264



Additional Views



Request A Web Profile

Inorganic Ventures

1000 ppm 6Lithium for ICP

Email This Page Print Page

★★★★★

Description

Specifications

Inorganic Ventures' 1000 ppm 6Lithium for ICP is a certified reference material set in a nitric acid matrix for stability. This lithium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date. To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: 6Li metal

Dilution: —

Documentation: Certificate | MSDS



HAZARDOUS

Description

Specifications

Analyte

µg/mL

6Li

1000

CHM00A672

Mfr. No. CGAS1-30ML

Description 1000ug/mL ARSENIC 30mL UN3264



Web Profile

Inorganic Ventures 1000 ppm Arsenic for ICP

Email This Page Print Page

★★★★★

Description Specifications

Inorganic Ventures' 1000 ppm Arsenic for ICP is a certified reference material set in a nitric acid matrix for stability. This arsenic standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size:	125 or 500 mL
Matrix:	Nitric Acid (HNO ₃)
Starting Material:	As metal
Dilution:	—
Documentation:	Certificate MSDS



Description

Specifications

Analyte	µg/mL
As	1000

CHM00A681

Mfr. No. CGBE1-30ML

Description 1000ug/mL BERYLLIUM 30mL UN3264



Additional Views



A Web Profile

Inorganic Ventures

1000 ppm Beryllium for ICP

[Email This Page](#) [Print Page](#)

★★★★★

Description Specifications

Inorganic Ventures' 1000 ppm Beryllium for ICP is a certified reference material set in a nitric acid matrix for stability. This beryllium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size:	125 or 500 mL
Matrix:	Nitric Acid (HNO ₃)
Starting Material:	Be ₄ O(C ₂ H ₃ O ₂) ₆
Dilution:	—
Documentation:	Certificate MSDS



Description

Specifications

Analyte	µg/mL
Be	1000

CHM00A683

Mfr. No. CGBI1-30ML

Description 1000ug/mL BISMUTH 30mL UN3264



Additional Views



A Web Profile

Inorganic Ventures

1000 ppm Bismuth for ICP

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Description Specifications

Inorganic Ventures' 1000 ppm Bismuth for ICP is a certified reference material set in a nitric acid matrix for stability. This bismuth standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size:	125 or 500 mL
Matrix:	Nitric Acid (HNO ₃)
Starting Material:	Bi metal
Dilution:	—
Documentation:	Certificate MSDS



Description

Specifications

Analyte	µg/mL
Bi	1000

CHM00A689

Mfr. No. CGCD1-30ML

Description 1000ug/mL CADMIUM 30mL UN3264



Additional Views



View A Web Profile

Inorganic Ventures

1000 ppm Cadmium for ICP

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Description

Specifications

Inorganic Ventures' 1000 ppm Cadmium for ICP is a certified reference material set in a nitric acid matrix for stability. This cadmium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Cd metal

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte

µg/mL

Cd

1000

CHM00A697

Mfr. No. CGCR(6)1-30ML

Description 1000ug/mL CHROMIUM(+6) 30mL UN1439



Additional Views



Web Profile

Inorganic Ventures

1000 ppm Chromium+6 for ICP

Email This Page Print Page



Description

Specifications

Inorganic Ventures' 1000 ppm Chromium+6 for ICP is a certified reference material set in a water matrix for stability. This chromium+6 standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Water (H2O)

Starting Material: (NH4)2Cr2O7

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte	µg/mL
Cr+6	1000

CHM00A725

Mfr. No. CGIN1-30ML

Description 1000ug/mL INDIUM 30mL UN3264



Additional Views



View A Web Profile

Inorganic Ventures

1000 ppm Indium for ICP

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★★★★★

Description

Specifications

Inorganic Ventures' 1000 ppm Indium for ICP is a certified reference material set in a nitric acid matrix for stability. This indium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size:	125 or 500 mL
Matrix:	Nitric Acid (HNO ₃)
Starting Material:	In metal
Dilution:	—
Documentation:	Certificate MSDS



Description

Specifications

Analyte

µg/mL

In

1000

CHM00A758

Mfr. No. CGPB1-30ML

Description 1000ug/mL LEAD 30mL UN3264



Additional Views



Web Profile

Inorganic Ventures

1000 ppm Lead for ICP

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Description

Specifications

Inorganic Ventures' 1000 ppm Lead for ICP is a certified reference material set in a nitric acid matrix for stability. This lead standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Pb(NO₃)₂

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte

µg/mL

Pb

1000

CHM00A739

Mfr. No. CGMN1-30ML

Description 1000ug/mL MANGANESE 30mL UN3264



Additional Views



Profile

Inorganic Ventures

1000 ppm Manganese for ICP

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Description

Specifications

Inorganic Ventures' 1000 ppm Manganese for ICP is a certified reference material set in a nitric acid matrix for stability. This manganese standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Mn metal

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte

µg/mL

Mn

1000

CHM00A753

Mfr. No. CGN11-30ML

Description 1000ug/mL NICKEL 30mL UN3264



Additional Views



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Inorganic Ventures

1000 ppm Nickel for ICP

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★★★★★

Description Specifications

Inorganic Ventures' 1000 ppm Nickel for ICP is a certified reference material set in a nitric acid matrix for stability. This nickel standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Ni metal

Dilution: —

Documentation: Certificate | MSDS



HAZARDOUS

Description

Specifications

Analyte

µg/mL

Ni

1000

CHM00A804

Mfr. No. CGTB1-30ML

Description 1000ug/mL TERBIUM 30mL UN3264



Additional Views



View Web Profile

Inorganic Ventures

1000 ppm Terbium for ICP

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★★★★★

Description

Specifications

Inorganic Ventures' 1000 ppm Terbium for ICP is a certified reference material set in a nitric acid matrix for stability. This terbium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Tb4O7

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte

µg/mL

Tb

1000

CHM00A828

Mfr. No. CGY1-30ML

Description 1000ug/mL YTTRIUM 30mL UN3264



Additional Views



Web Profile

Inorganic Ventures

1000 ppm Yttrium for ICP

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Description

Specifications

Inorganic Ventures' 1000 ppm Yttrium for ICP is a certified reference material set in a nitric acid matrix for stability. This yttrium standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size: 125 or 500 mL

Matrix: Nitric Acid (HNO₃)

Starting Material: Y₂O₃

Dilution: —

Documentation: Certificate | MSDS



Description

Specifications

Analyte

µg/mL

Y

1000

21A00P707

Mfr. No. 1211-0128

Description

128oz/4000ml LDPE cubitainer, 38-400 foam lined polypropylene white cap - assembled

Quality Environmental Containers

128oz/4000ml LDPE cubitainer, 38-400 foam lined polypropylene white cap - assembled

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★★★★★



21A00P708

Mfr. No. 3112-40ml

Description

40ml vial, clear borosilicate glass, 24-414 red open top polypropylene cap with 0.125" PTFE /silicone septum - certified

Quality Environmental Containers

40ml vial, clear borosilicate glass, 24-414 red open top polypropylene cap with 0.125" PTFE /silicone septum - certified

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★★★★★



1149Z01

Description 15mL Conical Tube, Bulk, Sterile



request A Web Profile

15mL & 50mL Conical Tubes

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Description

15mL & 50mL Conical Tubes

- High-clarity, medical-grade polymer
- Graduations every 1 mL (15 mL tube) or 5 mL (50 mL tube) increments
- Rated to 15,000 x G
- Temperature range: -80° to 40°C
- Tube racks are recyclable
- Both 50mL and 15mL tubes are BQ215 presented 25 tubes per rack
- Sterile and certified free of detectable DNase, RNase, DNA, PCR inhibitors, and pyrogens

0148L72

Mfr. No. 9189-01

Pkg. Size 500 mL

CAS # 71-36-3

UN # UN1120

Description

1-Butanol 500 ml Photrex® Reagent

 MSDS [C of A](#)

Grade

PHOTREX Reagent

Pkg. Type

Bottle, Glass



A Web Profile

Avantor - J.T.Baker®

1-Butanol, PHOTREX Reagent

 [Email This Page](#)  [Print Page](#)



Description

(butyl alcohol) For Spectrophotometry

Formula: CH₃CH₂CH₂CH₂OH

Formula Weight: 74.12

CAS Number: 71-36-3

Specific Gravity: 1L = .81 Kg

Flash Point: 37° C

1171H52

Description

1L Natural HDPE Oblong Bottle, Graduated in 100mL Increments, Assembled w/ 53-400 F-217 Lined Cap



quest A Web Profile

LabForce® (powered by Thomas Scientific)

Natural HDPE Oblong Bottles

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★★★★★

Description

Oblong shape for space-efficient storage and commonly for use in applications that require a wide width, shallow depth and a small neck.

2904F24

Mfr. No. 34155

Also known as: LW-4155, EK-34155

Description Kimwipes* Delicate Task Wipers (34155) 4.4" x 8.4"

Kimberly-Clark Professional

Kimwipe® EX-L Delicate Task Wipers

Email This Page Print Page

★★★★★



Additional Views



Description

Specifications

When your work requires delicate, light-duty wipers to handle precise tasks, Kimtech™ Science Kimwipes, by Kimberly-Clark, are an obvious choice. With a legacy of more than 60 years of being the go-to wipe for cleaning surfaces, parts, instruments in labs, laboratory lenses, and medical offices, these wipers easily clean liquids, dust and small particles. Plus, the anti-static dispensing design reduces electrostatic discharge. As a business owner, these medical wipers are an efficient choice, thanks to the waste-reducing, one-at-a-time dispensing.

- Kimtech™ Science Wipes easily wipe up liquids, dust and tiny particles and are designed for delicate tasks
- Kimberly-Clark Kimwipes features one-at-a-time dispensing for minimized waste
- Anti-static dispensing system reduces lint and electrostatic discharge (for sensitive environments like labs)
- useful for polishing glassware, cleaning laboratory instruments and other delicate surfaces

Description

Specifications

Thomas No.

Dimensions

2904F24

4.4" x 8.4"

1234Z60

Mfr. No. 34743

Description

Kimwipes* Delicate Task Wipers (34743) 3-ply, White, 11.8" x 11.8", 119 / Box



Kimberly-Clark Professional

Kimwipes® Delicate Task Wipers

[Email This Page](#) [Print Page](#)

★★★★★

Description

When your work requires delicate, light-duty wipers to handle precise tasks, Kimtech™ Science Kimwipes, by Kimberly-Clark, are an obvious choice. With a legacy of more than 60 years of being the go-to wipe for cleaning surfaces, parts, instruments in labs, laboratory lenses, and medical offices, these wipes easily clean liquids, dust and small particles. Plus, the anti-static dispensing design reduces electrostatic discharge. As a business owner, these medical wipes are an efficient choice, thanks to the waste-reducing, one-at-a-time dispensing.

- Kimtech™ Science Wipes easily wipe up liquids, dust and tiny particles and are designed for delicate tasks
- Kimberly-Clark Kimwipes features one-at-a-time dispensing for minimized waste
- Anti-static dispensing system reduces lint and electrostatic discharge (for sensitive environments like labs)
- Each wiper is 11.8" x 11.8" and useful for polishing glassware, cleaning laboratory instruments and other delicate surfaces

Additional Views



20A00C986

Mfr. No. VT18364P30L-W

Description Adhesive Mat, White, 18" x 36"



Valutek

Adhesive Mats

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★★★★★

Description

Valutek adhesive mats has a specially developed adhesive coating designed to provide an effective means of reducing contamination by trapping and preventing the transfer of particles.

Application:

Valutek provides mats that are suitable for Macrotek, Microtek and Nanotek applications. The mats are ideal for a wide range of applications including cleanroom entrances, gowning rooms, laboratories or work stations that require high levels of contamination control. Adhesive mats are widely used in a variety of industries including semiconductor, biotechnology, medical device, pharmaceutical, aerospace, automotive and construction.

Additional Views



[Request A Web Profile](#)

0535G07

Mfr. No. 3467-01

Description Alkalinity Test Kit



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LaMotte

Alkalinity Test Kit

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Description

Applications: Drinking Water, Industrial Water Boiling and Cooling, Water and Wastewater

This Alkalinity Test Kits uses a Direct Reading Titrator with standard acid to the phenolphthalein (P) and/or total (T) alkalinity endpoint. Range and sensitivity is 0–200 ppm as CaCO₃ in 4 ppm increments.

of Tests: 50 at 200 ppm

1226X13

Mfr. No. 535000

Description

Aluminum Pwdr Pk Rgt Set 10mL UN1328 (Recommended Alternative to Hach Part 2603700)



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Lovibond

Aluminum Pwdr Pk Rgt Set 10mL UN1328

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Description

This reagent set contains Lovibond's Powder Pack™ Reagents. Powder Pack Reagents are pre-measured, unit dose reagents that have been formulated for use in Lovibond's Aqua Comparator Test Kits, the SC450 Single Parameter Colorimeter Series, MC500 Multi-Parameter Colorimeter, and the SP600 Spectrophotometer. These easy-to-use chemistries offer an extended shelf life and serve as a direct replacement to Hach® reagents. They can also be used in Hach® instruments. Why pay more for the same results? Lovibond will stand behind the comparability of results.

1195M11

Mfr. No. ACN-.5

Description Glass Ampoule, 0.5mL, Nitric Acid, Concentrated



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EP Scientific Products

Chemical Preservative Glass Ampoules

[Email This Page](#) [Print Page](#)

★★★★★

Description

Save the time and tedium associated with diluting and aliquoting chemicals for environmental sample preservation by using pre-mixed Thermo Scientific™ Chemical Preservative Glass Ampoules. Our pre-formulated and aliquoted glass ampoules are ready for field use. Just break the ampoule at the pre-scored neck area using the provided "breaker" tool, and pour into the designated sample bottle.

- Glass ampoule containing a pre-measured aliquot of preservative chemical solution
- Ampoules are machine-welded closed after filling for a consistent, leak-tight seal
- Packaged and shipped in compliance with the shipping requirements of 49 CFR Part 173.4 DOT Small Quantities Classification regulations

1195M14

Mfr. No. ACS-2

Description Glass Ampoule, 2mL, Sulfuric Acid, Concentrated



[Request A Web Profile](#)

EP Scientific Products

Chemical Preservative Glass Ampoules

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★★★★★

Description

Save the time and tedium associated with diluting and aliquoting chemicals for environmental sample preservation by using pre-mixed Thermo Scientific™ Chemical Preservative Glass Ampoules. Our pre-formulated and aliquoted glass ampoules are ready for field use. Just break the ampoule at the pre-scored neck area using the provided "breaker" tool, and pour into the designated sample bottle.

- Glass ampoule containing a pre-measured aliquot of preservative chemical solution
- Ampoules are machine-welded closed after filling for a consistent, leak-tight seal
- Packaged and shipped in compliance with the shipping requirements of 49 CFR Part 173.4 DOT Small Quantities Classification regulations

1195M10

Mfr. No. ACH-5-1

Description Glass Ampoule, 5mL, 1:1 Hydrochloric Acid



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EP Scientific Products

Chemical Preservative Glass Ampoules

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★★★★★

Description

Save the time and tedium associated with diluting and aliquoting chemicals for environmental sample preservation by using pre-mixed Thermo Scientific™ Chemical Preservative Glass Ampoules. Our pre-formulated and aliquoted glass ampoules are ready for field use. Just break the ampoule at the pre-scored neck area using the provided "breaker" tool, and pour into the designated sample bottle.

- Glass ampoule containing a pre-measured aliquot of preservative chemical solution
- Ampoules are machine-welded closed after filling for a consistent, leak-tight seal
- Packaged and shipped in compliance with the shipping requirements of 49 CFR Part 173.4 DOT Small Quantities Classification regulations

0535H64

Mfr. No. 4783-03

Description

Combination Water Kit (Recommended Alternative to Hach Part 183701, 256200, & 223002)



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LaMotte

Combination Water Kit

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★★★★★

Description

Specifications

Popular AR-02 outfit provides tests for Hardness, Iron, and pH.

- Drop count tests for Hardness (10 ppm or 1 gpg/drop)
- Octa-Slide tests for Iron (0.5-10 ppm) and pH (5.0-10)
- Includes 100 tests for Iron and 50 tests for each pH and Hardness

	Hardness	pH	Iron
Range:	1 drop = 10 ppm/1 gpg	5.0-10 ppm	0.5-10* ppm
Number of Tests:	50	50	50

1303R40

Mfr. No. B00736WA

Also known as: P980509

Description Bag, w/o Marking Strip, 18 oz. 4 1/2 X 9 In.



Additional Views



Nasco

Whirl-Pak® Sterile Sample Bags

Email This Page Print Page



Description

Disposable, transparent bags for liquid or solid samples

- Polyethylene
- Supplied sealed

Top tears open easily along perforations. Mouth reinforced by a wired band with integrated loop tabs which serve as handles. Band holds bag open for easy filling. 6 oz. bag has 4 oz. fill line. Available with or without white marking strip.

1530M51

Mfr. No. 14000-1000

Description Beaker, 1, 000 mL



Additional Views



Web Profile

DWK Life Sciences (Kimble)

KIMAX® Low Form Griffin Beakers

Email This Page Print Page



Description

KIMAX® Low Form Griffin glass beakers offer excellent mechanical strength and durability, while providing high resistance to chemical attack and thermal shock. They have been a staple in research laboratories for many generations.

- Thick, slightly flared, beaded top, with a spout designed to have excellent pouring characteristics
- Improved mechanical and thermal properties result from the uniform sidewall and bottom thickness design
- Suitable for use on a hotplate
- All sizes have a durable matte finish marking area for use with an ordinary pencil
- Easy-to-read white graduated scale for measuring and/or mixing liquids is provided on all sizes from 20 to 4000mL
- Ref: ASTM Method D2070
- Design meets ASTM Specification E960, Type I requirements
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements

1717K20

Mfr. No. 2120-0010

Description Large Wide Mouth Bottle HDPE 4 L



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Thermo Scientific Nalgene Wide Mouth HDPE Large Bottles

[Email This Page](#) [Print Page](#)



Description

High density polyethylene

- Nalge 2120 series
- Large capacity
- Leakproof
- Durable
- Weighs up to 50% less than same size glass containers

For dry materials or water sampling, high-density bottles have size 100 mm polypropylene screw cap.

The bottles come individually bagged. Each bag is labeled with the catalog number, description and lot number.

3620B60

Mfr. No. 1C200R

Description Replacement Cartridge For 1 In. Brush



Request A Web Profile

NRD Static Eliminating Brushes

[Email This Page](#) [Print Page](#)



Description

For cleaning film, covers, optics, plastic parts, etc.

- Element is replaceable cartridge mounted in brush handle
- Brushes are natural animal hair, handles are high impact ABS plastic
- No state or USNRC-specific license is required to purchase or possess these brushes
- Effective cartridge life span 1-year
- Spent cartridge may be mailed back to manufacturer for proper disposal

3620B20 staticmaster brush has bristles 1" wide x 1" long; effective neutralizing width 2"; overall dimensions 5" x 5/8" x 1"; strength 200 μ Ci.

3620B30 staticmaster brush has bristles 3 inches wide; length of bristles adjustable from 3/16" to 1"; effective neutralizing width 4"; overall dimensions 5" x 3/4" x 3 1/8"; strength 500 μ Ci. Wider brushes can be obtained by ganging multiple 3" brushes together using snap-on connectors, available on special order.

3620B70

Mfr. No. 3C500R

Description Replacement Cartridge For 3 In. Brush



Request A Web Profile

NRD

Static Eliminating Brushes

[Email This Page](#) [Print Page](#)

★★★★★

Description

For cleaning film, covers, optics, plastic parts, etc.

- Element is replaceable cartridge mounted in brush handle
- Brushes are natural animal hair, handles are high impact ABS plastic
- No state or USNRC-specific license is required to purchase or possess these brushes
- Effective cartridge life span 1-year
- Spent cartridge may be mailed back to manufacturer for proper disposal

3620B20 staticmaster brush has bristles 1" wide x 1" long; effective neutralizing width 2"; overall dimensions 5" x 5/8" x 1"; strength 200 μ Ci.

3620B30 staticmaster brush has bristles 3 inches wide; length of bristles adjustable from 3/16" to 1"; effective neutralizing width 4"; overall dimensions 5" x 3/4" x 3/8"; strength 500 μ Ci. Wider brushes can be obtained by ganging multiple 3" brushes together using snap-on connectors, available on special order.

1198X55

Mfr. No. 760507

Description Cellulose Acetate Syringe Filter, 28 mm, 0.45 μ m, Non-Sterile



Additional Views

Ahlstrom-Munksjo

ReliaPrep™ Cellulose Acetate Syringe Filters

[Email This Page](#) [Print Page](#)

★★★★★

Description

Syringe filters for convenient filtration of small sample sizes through membranes. Cellulose acetate membranes are hydrophilic membranes that offer excellent flow rates. They are low protein-binding and provide superior chemical resistance to alcohols and oils. They are best used at a pH of 4-8 and an operating temperature below 180 degrees Celsius.

8700G01

Mfr. No. 6896-01

Description DPD Chlorine - Bromine - pH Test Kit



[Request A Web Profile](#)

LaMotte

DPD Chlorine - Bromine - pH Test Kit

[Email This Page](#) [Print Page](#)

★★★★★

Description

Additional Info

Kit Contains:

- 100 Chlorine DPD #1 Tablets
- 50 Phenol Red Tablets
- 3 Test Tubes, 2.5, 5, 10 mL, plastic w/ caps
- 1 Chlorine/Bromine Octa-Slide 2 Bar
- 1 Phenol Red Octa-Slide 2 Bar, pH 6.8-8.2
- 1 Octa-Slide 2 Viewer

2903J78

Also known as: 2065

Description Clean-Wipes, 70% Iso Alcohol, Can 100



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labForce® (powered by Thomas Scientific)

Thomas Clean-Wipes

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★★★★★

Description

- 70% isopropyl or 100% pure water treated wipes
- High-quality, ultra-clean grade
- Strong, soft and lint-free

Pre-moistened Clean-Wipes are just right for cleaning fragile equipment and clean up even the dirtiest parts. Non-woven cloths are moistened with either a 70/30 blend of pure, reagent-grade isopropyl alcohol and reagent-grade deionized water or 100% pure reagent-grade deionized water. Dry wipes are available. User can add any solution. Perfect for cleaning optical parts, fragile glassware, electrodes, cuvettes, microscopes or lenses.

Instantly clean metal, plastic, glass, rubber and epoxies. May be used for cleaning electronics and probes. Designed for all applications in environmentally sensitive areas. Very strong, cleanroom-grade, nonwoven cloth is soft and lint-free. Constructed of cellulose and polyester, they will not scratch delicate surfaces. They meet all lab and production requirements for cleanliness, softness, absorbency and strength. Long-lasting wipes never fall apart like paper towels.

Wipes are individually dispensed and ready for instant use, with a unique opening that allows wipes to virtually glide out when pulled. Reclosable benchtop container assures a clean wipe each time and the snap-on sealed top eliminates contamination from dust or dirt. Each canister is shrink-wrapped to maintain cleanliness during shipping. Clean-Wipes are 6 x 9 inches and packaged 100 per polyethylene canister.

1177Q36

Mfr. No. NIT101

Description CLS 100, 9" Nitrile Glove, 5.0 mil, SM

1177Q39

Mfr. No. NIT104

Description CLS 100, 9" Nitrile Glove, 5.0 mil, XL



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CT International

NIT Series 9" Nitrile Cleanroom Gloves

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Description Specifications

CTI's NIT Nitrile Cleanroom Gloves are manufactured for outstanding strength, stretch and fit. The NIT is our most economical controlled environment glove on the market today, and one of our fastest growing products.

They offer a textured surface for critical handling, and a super soft feel for comfort. NIT Series Class 100 Nitrile gloves are ISO 5 Cleanroom compatible or higher controlled environments. They are 9" long, ambidextrous, and have been tested to meet and/or exceed all standards and requirements. Available in sizes Small to XX-Large.

Features

- 100% Nitrile
- Class 100 (ISO 5) Clean Room Compatible or Higher Controlled Environments
- No Latex Proteins
- White Color, Super Soft Feel
- Anti-Static Textured for Critical Handling
- Double Bagged
- Tapered, Beaded Cuff
- 9" Length, Ambidextrous
- Leak Tested
- Meets or Exceeds ASTM D3578-05 Standards
- Particle and Extractable Testing in Accordance with IES-RP-CC-005.2
- Sampled in Accordance with MIL-STD-105E

1184M48

Mfr. No. 87026QHWM

Description Lab Coat, Unisex, Knee Length, White, M



b Profile

Medline

Unisex Knit Cuff Knee Length Lab Coats

 Email This Page  Print Page



Description

- Performance poplin blend, 80% polyester/20% cotton
- Snap up front with left chest pocket and two lower pockets
- Knit cuffs and side vent openings
- Single back vent
- 42" length
- Available in sizes XS - XXXL

1184M47

Mfr. No. 87026QHWS

Description Lab Coat, Unisex, Knee Length, White, S



1184M48

Mfr. No. 87026QHWM

Description Lab Coat, Unisex, Knee Length, White, M



b Profile

Medline

Unisex Knit Cuff Knee Length Lab Coats

 Email This Page  Print Page



Description

- Performance poplin blend, 80% polyester/20% cotton
- Snap up front with left chest pocket and two lower pockets
- Knit cuffs and side vent openings
- Single back vent
- 42" length
- Available in sizes XS - XXXL

1104A

Mfr. No. 1104-1

Also known as: 2902G05

Description

Detergent, Alconox, 4lb Container, General Purpose Lab Glassware and General Facility Cleaning Powdered Detergent, 4 pound Size, 1/each, 9 each/case



equest A Web Profile

Alconox

Alconox General Purpose Powdered Precision Cleaner, Laboratory Detergent

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★★★★★

Description

Alconox Powdered Precision Cleaner consists primarily of a homogeneous blend of sodium linear alkylaryl sulfonate, alcohol sulfate, phosphates, carbonates. Alconox is anionic in nature.

Used to clean: Healthcare instruments, laboratory ware, vacuum equipment, tissue culture ware, personal protective equipment, sampling apparatus, catheters, tubing, pipes, radioactive contaminated articles, optical parts, electronic components, pharmaceutical apparatus, cosmetics manufacturing equipment, metal castings, forgings and stampings, industrial parts, tanks and reactors. Authorized by USDA for use in federally inspected meat and poultry plants. Passes inhibitory residue test for water analysis. FDA certified.

Used to remove: Soil, grit, grime, buffing compound, slime, grease, oils, blood, tissue, salts, deposits, particulates, solvents, chemicals, radioisotopes, radioactive contaminations, silicon oils, mold release agents.

Surfaces cleaned: Corrosion inhibited formulation recommended for glass, metal, stainless steel, porcelain, ceramic, plastic, rubber and fiberglass. Can be used on soft metals such as copper, aluminum, zinc and magnesium if rinsed promptly. Corrosion testing may be advisable.

1190Z01

Mfr. No. SC505

Description Disposable Watch Glass for SC475 50mL Cups



Environmental Express

Disposable Watch Glass

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★★★★★

Description

41mm ribbed watch glass fits all 50mL digestion vessels. Polypropylene construction is naturally free of contaminants. Ribbed design allows partial reflux during digestion. Watch glass has a center stem to aid in handling. Pack of 1000 caps.

1226X14

Mfr. No. 530090

Description

DPD Free Chlorine Reagent Powder 5mL PK100 (Recommended Alternative to Hach Part 1407799)



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Lovibond

DPD Free & Total Chlorine Reagents

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★★★★★

To request your free sample please email marketing@thomassci.com

Description

Powder Pack Reagents are pre-measured, unit dose, reagents in a convenient foil package.

These DPD reagents have been specifically formulated and will provide accurate results with Lovibond and other manufacturer's spectrophotometers, colorimeters and test kits.

Lovibond Powder Pack Reagents are:

- **US EPA** accepted for reporting drinking water analysis
- **Easier to Handle** -- Our design is 37% larger than the competition which makes them easier to handle (especially by people with larger hands!)
- **Easier to Open** -- No scissors necessary! Our Powder Pack reagents have a defined "easy open notch" that makes it simple to tear open the package
- **Easier to Dispense and Pour** -- Our foil easily forms a "V" to allow the user to pour the powder into the sample. We also beveled the bottom edge which ensures no reagent gets stuck in the corners
- **Competitively priced** -- make your lab budget go further by cutting cost...not quality!

1163W65

Mfr. No. 606180

Description EcoSense pH/EC1030A pH and Conductivity Pen



ofile

YSI

EcoSense® pH/EC1030A pH and Conductivity Pen

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★★★★★

Description

Specifications

The pH/EC1030A is designed for quick, accurate results in an economical platform. The pH/EC1030A is the perfect instrument for spot sampling of pH, conductivity, total dissolved solids (TDS), salinity and temperature in applications such as wastewater, surface water, aquaculture, hydroponics, pools, and education.

The pH/EC1030A features an easy-to-use graphic interface, simple one-hand operation, memory, and low cost of ownership over the life of the product. Features of the pH/EC1030A include:

- IP-67 waterproof housing
- 1-year instrument, 6-month electrode warranty
- Automatic temperature compensation
- Easily switch between °C and °F
- Clear, easy-to-read graphic LCD display
- Auto shut-off feature
- Replaceable pH and conductivity electrode
- "Hold" feature locks readings on display
- 50 data-set memory
- >100 hour battery life and low battery indicator
- CE compliant

The pH/EC1030A is a reusable pen-style instrument. The pH and conductivity electrode is easy to replace while keeping the instrument. No throw-away instrument here!

4120R68

Mfr. No. 2795-16

Pkg. Size 500 mL

Description Storage Solution, 500 ml

Grade

Pkg. Type

Bottle, Poly

Ricca Chemical

Electrode Storage Solution

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★★★★★

Description

- For storing pH glass and combination electrodes

22A00L501

Mfr. No. 2998-H-12

Description Insta-Test Pro Sodium Chloride (Salt) Test Strips 50/Btl



il Views



LaMotte

Single Factor Test Strips

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★★★★★

Description

Convenient and economical, LaMotte test strips are a great way to perform spot checks for several water quality factors without having to use reagents or field kits

1203G81: 0-14 pH in 1 pH increments, 100 strips

CHM03V853: Tests for soluble iron; 0, 0.3, 0.5, 1, 3, 5ppm 25 strips/vial

22A00L501: Measures salt in pools at 1500, 2000, 2500, 3000, 3500, 4000 and 5000ppm. 50 strips per vial

7732C55

Mfr. No. 022491733

Description epT.I.P.S. Reloads, PCR Clean, 2-200 μ L, 53mm, Yellow

7732C91

Mfr. No. 022491750

Description epT.I.P.S. Reloads, PCR Clean, 50-1000 μ L, 71mm, Blue



quest A Web Profile

Eppendorf

Eppendorf epT.I.P.S.

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Description

Specifications

High precision, universal fit for use with pipettes from other manufacturers

- Soft, flexible tip cone ensures better pipette tip sealing
- Fine graduations make it easy to visually check volume
- Ergonomically optimized cone geometry ensures perfect fit on Eppendorf pipettes
- New tip design for better access and to a wider variety of tubes and wells
- Finely tapered and extended for working with small volumes

Genuine Eppendorf Pipette Tips are designed to ensure certified performance of all Eppendorf Pipettes. In addition, they can be used with most other leading brands of pipettes. All pipette tips are subjected to strict, constant quality control and are manufactured using the highest standards in selection and processing of the plastic materials, the fit, the design, and the forces.

While the ergonomically optimized cone geometry allows for a perfect match of every Eppendorf pipette tip to every Eppendorf pipette, these tips are also universally applicable for use with pipettes from all other manufacturers. The perfect fitting results in consistently reduced tip attachment and ejection forces, while ensuring complete sealing.

Additional convenient features of these tips include fine volume graduations, a soft, flexible tip cone and improved access to a wider variety of tubes and wells. The epT.I.P.S. are available in three purity levels (Eppendorf Quality, PCR Clean, and Eppendorf Biopur®) and a variety of packaging forms, including bulk, boxes, refill trays, racks and individually wrapped tips.

Packaging Options

epT.I.P.S. BULK: Available in all tip sizes from 10 µl to 10 ml. Packaged in resealable bags.

epT.I.P.S. BOX: System enables contamination-free transfer of trays to the working box and is optimized for use with multichannel pipettes. Convenient color-coded trays help you easily identify tip size and quickly match tip with appropriate Eppendorf pipette. Tips can be attached to pipette directly from the refill tray

epT.I.P.S. SET: Starter kits consist of the epT.I.P.S. Box and 5 refill trays.

epT.I.P.S. RELOADS: Environmentally friendly. Less packaging waste compared to disposable racks and all components are 100% recyclable. Refill systems are packaged as either dual-sided or stacked racks, depending on tip volume. Refill trays can be autoclaved intact and stored for future use. Reloads available in two purity levels: Eppendorf Quality and PCR clean.

epT.I.P.S. RACK: Convenient, ready-to-use pipette tip racks available in three purity levels: Eppendorf standard racks provide high quality, precision tips for standard laboratory use, Eppendorf PCR clean racks provide high-quality, precision tips that are guaranteed DNA-, DNase-, RNase- and PCR inhibitor-free, ideal for all Molecular Biology applications, and Eppendorf Biopur pipette tips provide maximum biological purity (guaranteed sterile, pyrogen-free, RNase-free, DNA-free and ATP-free), satisfying the most stringent laboratory requirements. Packaged in racks of 96, 48 or 24 tips, depending on tip volume.

epT.I.P.S. SINGLES: Individually wrapped pipette tips in two purity levels: Eppendorf Biopur and Eppendorf Sterile.

Batch number and expiration date printed on each tip package. Continuous quality control of each batch by an independent laboratory. Batch-specific purity certificates available upon request; can be found on the Eppendorf website, www.eppendorf.com.

Thomas No.	Description	Size (µL)	Packaging
7732C55	epTIPS, PCR Clean	2-200	Reload Tray
7732C91	epTIPS, PCR Clean	50-1000	Reload Tray

1190Z03

Mfr. No. SC0407

Description FilterMate, 0.45µm PVDF w/ PTFE Prefilter



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Environmental Express

FilterMate™ Filtration System

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★★★★★

Description

The FilterMate Filtration System provides a convenient and inexpensive method of filtration requiring no transfer steps. The FilterMate fits directly into the digestion vessel and is pushed through the liquid being filtered to the bottom of the cup with a detachable plunger. After filtration is complete, the plunger is removed and discarded while the filter assembly remains in the bottom of the cup. This arrangement does not interfere with storage or use of the vessel in an autosampler. FilterMates are available with different choices of filters for specific filtration needs.

The FilterMate works like a French Coffee press. Simply bring your sample to volume in the SC475 cup, insert the filter down into the sample, and remove the detachable plunger. Sample is now ready for analysis or to be capped for storage.

SC0401 is our standard 5µm PTFE-faced polypropylene filter. SC0401 has the highest dirt holding capacity and is suitable for most laboratory applications.

The SC0407 is our 0.45µm PTFE membrane filter. SC0407 FilterMate utilizes a PTFE prefilter in addition to a 0.45µm final filter. This model is not recommended for particulate laden samples.

For filtering small volumes of TCLP extract, we offer the SC0404 FilterMate with prewashed glass fiber filter material suitable for TCLP filtrations. The 0.7µm filter is acid washed per EPA Method 1311 and comes with a certificate of analysis.

7733U98

Mfr. No. 9402163

Description Finn timer 10mL, 1-10mL, Red, Sterile, 5x24/rack



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Thermo Scientific

Finnpipette Finntips

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★★★★★

Description

Specifications

Advanced molding process prevents flash around tip and a perfectly centered opening

- Smooth uniform surface
- Convenient packaging
- Color-coded
- Fully autoclavable

Optimal design with a smooth, clear, hydrophobic surface ensures complete sample dispensing and minimal liquid retention. Ribbed top ensures a leakproof seal.

0210U69

Mfr. No. H37922-0000

Description Tefzel Plastic Forceps; 4-1/2"



SP Bel-Art

Scienceware® Tefzel® Forceps

[✉ Email This Page](#) [🖨 Print Page](#)

★★★★★

Description

Specifications

Tefzel® Fluorocarbon plastic forceps have smooth square tips 1.6mm (1/16") wide.

- Excellent for handling small balance weights
- Will withstand temperature up to 199°C (390°F); autoclavable
- Individually blister packed

1226X39

Mfr. No. 530560

Description

Iron Ferro Reagent, 10 mL (Recommended Alternative to Hach Part 2105769)



Lovibond

Iron Ferro Reagents

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★★★★★

Description

Powder Pack Reagents are pre-measured, unit dose reagents that have been formulated for use in Lovibond's Aqua Comparator Test Kits, the SC450 Single Parameter Colorimeter Series, MC500 Multi-Parameter Colorimeter, and the SP600 Spectrophotometer. These easy-to-use chemistries offer an extended shelf life and serve as a direct replacement to Hach® reagents. They can also be used in Hach® instruments. Why pay more for the same results? Lovibond will stand behind the comparability of results.

safeForce Glass Disposal Boxes



Safely handle broken glass

Featuring *NEW Carry Handles!*

- Sturdy corrugated cardboard
- 2 mil thick polypropylene liner
- Two models: Bench and Floor

Keep the lab safe with Thomas glass disposal boxes!

Constructed from rugged corrugated cardboard and supplied with a 2 mil thick puncture-resistant polyethylene liner, the unit safely contains broken glass and spilled liquids. When full, simply pull the safety cap into place and dispose of the entire unit. Striking graphics make the glass disposal box easy to find.

Box comes in two versions:

Benchtop (8" x 8" x 10") and Floor (12" x 12" x 27") which hold 5.5 and 40 lbs respectively.

Thomas No.	Description	Quantity
20A00T530	safeForce Glass Disposal Box, Floor Model	6/Pack
20A00T531	safeForce Glass Disposal Box, Bench Model	6/Pack

NIT103

Mfr. No. NIT103

Description

Glove, CTI, Nitrile, Class 100, 9 Inch, Large, White, PowderFree, 5 mil, Fully Textured, Double Bagged, 100EA/PK, 10PK/CS

NIT102

Mfr. No. NIT102

Description

Glove, CTI, Nitrile, Class 100, 9 Inch, Medium, White, PowderFree, 5 mil, Fully Textured, Double Bagged, 100EA/PK, 10PK/CS



request A Web Profile

CT International

NIT Series 9" Nitrile Cleanroom Gloves

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★★★★★

Description

Specifications

CTI's NIT Nitrile Cleanroom Gloves are manufactured for outstanding strength, stretch and fit. The NIT is our most economical controlled environment glove on the market today, and one of our fastest growing products.

They offer a textured surface for critical handling, and a super soft feel for comfort. NIT Series Class 100 Nitrile gloves are ISO 5 Cleanroom compatible or higher controlled environments. They are 9" long, ambidextrous, and have been tested to meet and/or exceed all standards and requirements. Available in sizes Small to XX-Large.

Features

- 100% Nitrile
- Class 100 (ISO 5) Clean Room Compatible or Higher Controlled Environments
- No Latex Proteins
- White Color, Super Soft Feel
- Anti-Static Textured for Critical Handling
- Double Bagged
- Tapered, Beaded Cuff
- 9" Length, Ambidextrous
- Leak Tested
- Meets or Exceeds ASTM D3578-05 Standards
- Particle and Extractable Testing in Accordance with IES-RP-CC-005.2
- Sampled in Accordance with MIL STD-105E

Description

Specifications

Length: 9" (+/-0.5)

Thickness: 4.7 mil (+/-1)

Tensile Strength: 2030 psi/14 mpa

Elongation: 500%

Packaging: 100 Gloves/Pack, 1000 Gloves/Case

CHM03V861

Mfr. No. 3347-01

UN # UN3316

Description: Iron Test Kit, Octa-Slide 2 0.5 - 10 Ppm

LaMotte

Iron Test Kit, Octa-Slide 2 0.5 - 10 Ppm

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Description

Additional Info

Visual colorimetric test for ferrous and ferric iron. Octa-Slide 2 Comparator; Bipyridyl method. 100 tests. Reads 0.05, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, and 10ppm Fe.



IRON KIT

OCTA-SLIDE 2, 0.5-10 PPM

CODE 3347-01

QUANTITY	CONTENTS	CODE
30 mL	*Iron Reagent #1	*4450-G
4.5g	*Iron Reagent #2 Powder	*4451-S
4.5g	*Ferrous Iron Reagent	*4453-S
2	Spoons, 0.05 g, plastic	0696
2	Test Tubes, 2.5-5-10 mL, plastic, w/caps	0106
1	Octa-Slide 2 Viewer	1101
1	Iron Octa-Slide 2 Bar, 0.5 - 10 ppm	4448-01

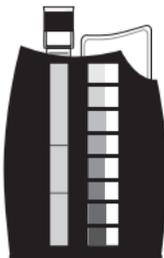
***WARNING:** Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any letter that follows or precedes the four digit code number. For example if code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by e-mail, phone or fax.

Emergency information for all LaMotte reagents is available from Chem-Tel:
(US, 1-800-255-3924)
(International, call collect, 813-248-0585)

Warning! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

To order individual reagents or test kit components, use the specified code number.

USE OF THE OCTA-SLIDE 2 VIEWER



The Octa-Slide 2 Viewer should be held so non-direct light enters through the back of the Viewer. Insert the Octa-Slide 2 Bar into the Viewer. Insert the reacted sample into the top of the Viewer. Match the color of the reaction to the color standards.

1211A58

Mfr. No. 504004-0000

Description Lipsol® Detergent, 5L Bottle



it A Web Profile

Dynalon

Lipsol® Liquid Detergent, 5 Liter

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★★★★★

Description

Product Dimensions (L x w x h): 7.125x5.125x11.125in

Sold in a case of two 5 Liter bottles

With a cleaning performance second to none, new Lipsol marks the arrival of the next generation of laboratory detergent. Lipsol is a non-corrosive, fully biodegradable liquid concentrate suitable for use with all types of laboratory glassware, ceramics, plastics, rubber, stainless steel and ferrous metals.

Lipsol is a highly alkaline mixture of detergent, surfactant and chelating agent suitable for removal of most types of contamination by soaking or use in an ultrasonic bath. Its efficiency as a cleaning agent has been proved by extensive testing and then confirmed by field trials with users in a wide variety of applications and scientific disciplines.

Lipsol is classified as a noncorrosive. A MSDS is available. Sample product available. Free supporting independent test reports are available upon request. Lipsol is not recommended for use on non-ferrous metals, including zinc and aluminum or on polycarbonates.

2902N20

Mfr. No. 1201

Description Liquinox, 1 Gal. Bottle



Alconox

Liquinox® Biodegradable Cleaning Compound

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★★★★★

Description

- Mild to skin and phosphate-free

Liquinox (pH 8.5) cleans glass, metal, rubber, plastic and hard-surface materials. Liquid detergent concentrate is readily soluble in hard or soft water, and has biodegradable base. Detergent features a special formulation of anionic and non-ionic detergents and wetting agents. Detergent has high cleaning power, yet is mild to skin and contains no phosphates.

1226X45

Mfr. No. 535100

Description

Manganese Hr Pwdr Rgt Set 10mL Pk100 UN1479 (Recommended Alternative to Hach Part 2430000)



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Lovibond

Manganese Hr Pwdr Rgt Set 10mL Pk100 UN1479

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★★★★★

Description

This reagent set contains Lovibond's Powder Pack™ Reagents. Powder Pack Reagents are pre-measured, unit dose reagents that have been formulated for use in Lovibond's Aqua Comparator Test Kits, the SC450 Single Parameter Colorimeter Series, MC500 Multi-Parameter Colorimeter, and the SP600 Spectrophotometer. These easy-to-use chemistries offer an extended shelf life and serve as a direct replacement to Hach® reagents. They can also be used in Hach® instruments. Why pay more for the same results? Lovibond will stand behind the comparability of results.

959ID41

Mfr. No. 3588-02

Description

TEST KIT, IR-20 IRON MANGANESE (Recommended Alternative to Hach Part 146300)



LaMotte

MANGANESE TEST KIT

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★★★★★

Description

The Low Range Manganese test kit measures Manganese levels at 0.05, 0.1, 0.2, 0.4, 0.6, 0.8 and 1.0 ppm using the Octa-Slide 2 Comparator.

1189Q02

Mfr. No. G3280-67040

Description Agilent Ni sampling cone for x-lens, ICP-MS, 1/p - 58

 (Domestic Only)



Agilent Technologies

Agilent Ni sampling cone for x-lens, ICP-MS, 1/p - 58

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★★★★★

Description

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.

1197G31

Mfr. No. G3266-65003

Description MicroMist nebulizer (Glass)

 (Domestic Only)



★★★★★

Description

Nebulizer, MicroMist, borosilicate glass, standard with Agilent 7700x/e, 8800 and 7500cx/ce series ICP-MS, for most sample types except those containing hydrofluoric acid or suspended particulates.

This product is only available to U.S. Domestic Customers.

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.

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1197G30

Mfr. No. G3280-67041

Description Skimmer cone for x-lens, ICP-MS

 (Domestic Only)



Agilent Technologies

Nickel (Ni) Skimmer Cone

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★★★★★

Description

Nickel (Ni) skimmer cone used with x-lens for ICP-MS, standard cone with Agilent 7700x/e and 8800 ICP-MS, but also suitable for other 7700/8800 series ICP-MS, use with Ni sampling cone.

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.

1162K38

Mfr. No. 09908400

Description Non-Magnetic, Nonserrated Stainless Steel Straight Forceps



PerkinElmer

Non-Magnetic, Nonserrated Stainless Steel Straight Forceps

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★★★★★

Description

Non-Magnetic, Nonserrated Stainless Steel Straight Non-Magnetic, Hooked

2713X42

Mfr. No. 1535-4970

Description Oil Mist Filter Element For E2M18

 (Domestic Only)



★★★★★

Description

- The oil level on the pump should be checked every three months, when the plasma is ON
- Maintain the oil level between the Max and Min levels on the gauge
- Standard frequency for changing the oil is approximately every 4,500 hours

Be careful when changing oil because the oil may have absorbed dangerous substances. The oil in the rotary pump on the interface side of a 7500 equipped with a hydrofluoric acid resisting introduction system is especially dangerous.

DO NOT TOUCH THE OIL WITH BARE HANDS.

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.

quest A Web Profile

C755Q95

Mfr. No. C5101650-2.5D1

Pkg. Size 2.5L

UN # UN2031

Description

Nitric Acid 70% Trace Metal, SC, 2.5L , Glass clear

Grade

ACS

Pkg. Type

Glass, Clear



quest A Web Profile

Reagents®

Nitric Acid 70% Trace Metal, ACS Reagent

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Description

Additional Info

Assay Percent: 68.00-70%

Grade: Trace Metals

Boiling Point: 121 °C (1013 hPa)

Density: 1.416

Molecular Weight: 63.01 g/mol

Melting Point: -32 °C

Color: Colorless to light yellow liquid

Physical State: Liquid

pH Range: <1

Solubility Information: Miscible

Synonyms: Aqua fortis, Spirit of niter, Eau forte, Hydrogen nitrate, Acidum nitricum

Shelf Life: 37 Months

Storage: Ambient

Packaging Type: Clear, Glass Container

DOT: UN2031, NITRIC ACID, 8, P.G.II



June 28, 2023

Dear Valued Reagents Customer,

Reagents is continually reviewing our processes, materials, and sources to ensure we are operating as efficiently as possible and creating value for our customers. Customer safety is also a top priority.

To enhance the safety of our product packaging, Reagents will be transitioning to a tamper-evident cap for Nitric Acid, 70% packaged 2.5L poly and 2.5L glass bottles. The tamper-evident caps help prevent unintended opening of the bottle and allow the user to more easily determine if the bottle has been previously opened. Photos of the older cap and the new tamper-evident cap are provided below.



Older cap



New tamper-evident cap

Reagents has begun the transition for item numbers C5101650-2.5A, C5101650-2.5D, and C5101650-2.5D1. Any lot manufactured after June 1, 2023 will have the new tamper-evident cap. You may continue to receive bottles featuring the older cap as we exhaust our current inventory over the next few months. If any other products are affected in the future, we will update you at that time.

We look forward to continuing to provide you with quality chemicals and chemical solutions.

Sincerely,

A handwritten signature in blue ink that reads "Tiff Charley".

Tiff Charley
Director of Quality & Regulatory
Reagents, Inc.

www.reagents.com
P.O. Box 788 • Belmont, NC 28012 • 800-732-8484
Part of TCP Analytical • www.tcpanalytical.com



22A00B033

Mfr. No. 5005-0020

Description

Peristaltic Pump Tubing for ICP-MS Clear PVC, 2-stop, white/white tabs, 1.02 mm id

 (Domestic Only)

Agilent Technologies

Peristaltic Pump Tubing and Sample Line Supplies

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★★★★★



Description

The peristaltic pump tubing has to be washed prior to use. The common way is to run about 5% HNO₃ (v/v) solution.

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.

21A00B959

Mfr. No. 3566078

Description

Oakton PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit



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Oakton

Oakton PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit

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★★★★★

Description

Extremely versatile—the meter automatically recognizes which sensors you plug in so you can easily switch parameters whenever you want

Select a meter with the number of channels you need (1, 2, or 3) and the sensors for the parameters you are measuring (pH, conductivity, or DO)

Eliminate downtime with smart sensors that feature built-in calibration and measurement information

Rugged, waterproof and dustproof housing with an IP67 rating for use in any environment

Nonslip ergonomic design is comfortable to use and shock-proof and scratch-resistant

Easily view measurements with large color graphic TFT-LCD, even in dim lighting or bright outdoor sunlight

Download and analyze up to 10,000 data points easily with micro USB

Accurately measure pH, ORP, dissolved oxygen, and temperature Get easy-to-read and accurate readings with

auto-hold, auto-stable, and real-time measurements with stability indicators. The Environmental Express®

Oakton® 300 series multiparameter meters utilize smart sensor technology with sensor heads that feature a built-in digital circuit for automatic sensor recognition. Sensor information including sensor ID, calibration data, and measurement setup is stored in sensor head and viewable on the meter display when sensor is connected.

Sensor heads are easy to connect and disconnect with waterproof push-lock connector. Sensor cartridges (pH and EC) are replaceable for a cost-efficient and environmentally friendly system. Blue LED light on the sensor head functions as a reading stability indicator, flashing until the reading is stable.

Meter stores up to 10,000 data sets with date-and-time stamp for accurate and easy analysis. Quickly transfer data from meter to computer seamlessly via USB cable or wirelessly via Wi-Fi.

Easily take measurements and conveniently store meter and electrodes with built-in foldable stand on the back of the meter. Three grooves on the meter serve as electrode holders, to hold up to three electrodes simultaneously.

1216X51

Mfr. No. PHP100

Description pH PAPER, 100 strips



United Scientific Supplies pH PAPER, 100 strips

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Description

Each vial contains 100 strips, 2" x 1/4"

1213T46

Mfr. No. 00653-04

Description pH/ORP Electrode Storage Solution, 1 pint



Additional Views



Web Profile

Oakton

Electrode Care

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Description

Solutions to clean, store and fill electrodes

- Extend the life of your electrodes and maintain accurate readings
- Use cleaning and storage solution with any pH or ORP electrodes

Electrode storage solution keeps pH/ORP electrode bulbs moist for faster, more accurate readings. Use storage solution with electrode saver bottle 1213W70 (WD-35805-50 - included with all Oakton 12 mm electrodes) to extend the life of your electrode and maintain accurate readings. Accepts pH electrodes up to 12 mm in dia.

General-purpose pH/ORP electrode cleaning solution removes build-up from electrodes and maintains electrode sensitivity.

Storage and cleaning solutions come in 1 pint bottles.

Use the reference fill solutions with refillable pH electrodes.

22A00L923

Mfr. No. 721250

Description pH-Buffer solution Set pH 4, pH 7, pH 10 (25 °C), 90 ml



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Lovibond

pH-Buffer solution Set pH 4, pH 7, pH 10 (25 °C), 90 ml

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★★★★★

Description

Specifications

Highlights

- Traceable to NIST standard reference materials
- Convenient wide neck round bottle
- Certificate of Analysis: www.chargenzeugnis.de

Lovibond's color-coded pH buffer solutions are suitable for calibrating pH electrodes with all types of pH meters, whether using automatic buffer recognition or manually adjustable pH values. Only standard reference materials traceable to NIST are used for production. The practical wide-neck round bottle can be used as a calibration vessel and can be simply refilled with our dosing bottles.

For water analysis in laboratories or mobile

1205P08

Mfr. No. 1.09531.0001

Description pH-indicator strips, non-bleeding, pH 0 - 6



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MilliporeSigma

ColorpHast™ Premium pH Strips

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★★★★★

Description

The non-bleeding pH strips

- SafetyEdge for easy removal with no spillage
- Outstanding color scale for clear pH determinations

The great advantage of EMD Millipore's rapid pH tests is that this method of determination can be used directly on the spot without requiring any additional aids or sample preparation. The result is available immediately! The high accuracy of the results enables you to take any necessary countermeasures immediately, no matter whether in environmental analysis or the industrial sector as part of in-process controls.

1185B72

Mfr. No. 4423000010

Description Pipet Helper



Additional Views



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Eppendorf

Pipet Helper®

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★★★★★

Description

The Eppendorf Pipet Helper is the perfect instrument for inexperienced users as its robust and intuitive design allows everybody to adjust the meniscus precisely. In addition the valve unit is optimized so that liquids can be drawn up simply, without exerting pressure. The aspiration bulb provides rapid filling of the pipet. The aspiration and dispensing of liquids are controlled gently by the ergonomic lever. Additionally a splash free blow-out is provided. The specially designed aspirating cone ensures secure seating for all measuring and volumetric pipets (glass and plastic).

Features

- Lightweight with reduced operating force
- Easy maintenance and cleaning due to easy disassembly, few parts and full autoclavability
- Comfortable working because of the good balance and pleasing material
- The aspirating bulb enables pipetting of volumes up to 100mL at once
- Single lever controls low force aspirating and dispensing
- High control over the liquid movement due to very sensitive valve unit
- Drop wise dispensing and blow out without splashing
- Drainage without any additional pressure delivers very reproducible results
- Drip stop via hydrophobic membrane filter (3 µm)
- The special silicon pipet adapter guarantees a secure pipette fit

CHM02D170

Mfr. No. PLAS2-2M

Description

PLAS2-2M 1000 UG/ML AS 1000 UG/ML AS MATRIX: 2% HNO3 VOLUME: 30 ML

spex[®]
certiprep

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Assurance® Grade Arsenic Single-Element Standard

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★★★★★

Description

AA & ICP Assurance® Grade CRMs are designed for AA and ICP and are available in single and multi-element formulations. 70 Elements are available as single-element standards and are available at 1, 000 µg/mL and/or 10, 000 µg/mL.

Application: For AA and ICP

CHM02D168

Mfr. No. PLBE2-2M

Description

PLBE2-2M 1000 UG/ML BE 1000 UG/ML BE MATRIX: 2% HNO3 VOLUME: 30 ML



SPEX CertiPrep

Assurance® Grade Beryllium Single-Element Standard

[Email This Page](#) [Print Page](#)

★★★★★

Description

AA & ICP Assurance® Grade CRMs are designed for AA and ICP and are available in single and multi-element formulations. 70 Elements are available as single-element standards and are available at 1,000 µg/mL and/or 10,000 µg/mL.

Application: For AA and ICP

CHM02D169

Mfr. No. PLCD2-2M

Description

PLCD2-2M 1000 UG/ML CD 1000 UG/ML CD MATRIX: 2% HNO3 VOLUME: 30 ML



★★★★★

Description

AA & ICP Assurance® Grade CRMs are designed for AA and ICP and are available in single and multi-element formulations. 70 Elements are available as single-element standards and are available at 1,000 µg/mL and/or 10,000 µg/mL.

Application: For AA and ICP

CHM02D172

Mfr. No. PLMN2-2M

Description

PLMN2-2M 1000 UG/ML MN 1000 UG/ML MN MATRIX: 2% HNO3 VOLUME: 30 ML



SPEX CertiPrep

Assurance® Grade Manganese Single-Element Standard

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★★★★★

Description

AA & ICP Assurance® Grade CRMs are designed for AA and ICP and are available in single and multi-element formulations. 70 elements are available as single-element standards and are available at 1,000 µg/mL and/or 10,000 µg/mL.

Application: For AA and ICP

CHM02D173

Mfr. No. PLPB2-2M

Description

PLPB2-2M 1000 UG/ML PB 1000 UG/ML PB MATRIX: 2% HNO3 VOLUME: 30 ML



SPEX CertiPrep

Assurance® Grade Lead Single-Element Standard

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★★★★★

Description

AA & ICP Assurance® Grade CRMs are designed for AA and ICP and are available in single and multi-element formulations. 70 elements are available as single-element standards and are available at 1,000 µg/mL and/or 10,000 µg/mL.

Application: For AA and ICP

1199R26

Mfr. No. 5858-01

Description

PRECISION pH kit, 3.0 – 10.5 (Recommended Alternative to Hach Part 147006 & 147011)

LaMotte

Precision pH Test Kit

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★★★★★



Description

Specifications

Applications: Drinking Water, Environmental Education, Food and Beverage, Industrial Water Boiling and Cooling, Laundry and Sanitation, Water and Wastewater

Description

Specifications

Test System	Range/Sensitivity	# Tests (#Rgts)	Ship Code
Octa-Slide 2 Comparator	Wide Range pH Octa-Slide 2 Bar, 3.0-6.5 Wide Range pH Octa-Slide 2 Bar, 7.0-10.5	50 (1)	R1 (1)

1173J00

Mfr. No. 626890

Description Replacement DSS ODO Sensor Cap



Additional Views



YSI

ProDSS Handheld Multiparameter Sampling Instrument

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★★★★★

Description

Specifications

Additional Info

The YSI ProDSS (digital sampling system) is a portable water quality multiparameter instrument for the measurement of several critical parameters - dissolved oxygen (optical), turbidity, pH, ORP, conductivity, specific conductance, salinity, TDS, resistivity, TSS, ammonium, ammonia, chloride, nitrate, depth, temperature and GPS coordinates.

Designed for use in applications such as surface water, groundwater, coastal/estuarine, and aquaculture the rugged and reliable ProDSS allows for the measurement of water quality parameters with digital sensors. The ProDSS uses smart, user-replaceable sensor technology that can be connected in any port and automatically recognized by the handheld while retaining the calibration data.

The ProDSS will also work with the YSI ProODO sensor/cable to provide a DO only instrument. It's also capable of using the ProOBOD optical BOD probe for use in the lab for BOD measurements.

An easy-to-read backlit color display, large memory capacity, simple calibration procedures, rechargeable battery and powerful data management program (KorDSS) all help to make your sampling experience more convenient.

The optional GPS and depth along with a wide range of cables and sensors allows for complete customization of the ProDSS. Military spec connectors, IP67 waterproof, rubber over-molded case and 1-meter drop tests ensures durability to provide years of sampling even in the harshest field conditions.

Parameters Available:

- pH
- Oxidation Reduction Potential (ORP)/Redox
- Optical Dissolved Oxygen/BOD
- Turbidity
- Conductivity
- Specific Conductance
- Salinity
- Total Dissolved Solids (TDS)
- Resistivity
- Density
- Total Suspended Solids (TSS)
- Ammonium
- Ammonia
- Chloride
- Nitrate
- Depth
- Temperature

There are multiple features of the ProDSS based on our customer's feedback including:

- Digital smart sensors are automatically recognized by the instrument and store calibration data
- User-replaceable cables and sensors
- KorDSS software (included) and USB on-the-go connector assist with the all-important data management
- Rechargeable lithium-ion battery
- Color display and backlit keypad; menu-driven operation
- Long-life lithium-ion battery; ensures reliability and minimizes waste
- Optional GPS
- Optional depth sensor and up to 100-m cable lengths
- Large memory (>100,000 data sets) with extensive site list capabilities
- Multiple languages: English, Spanish, Portuguese, French, German, Italian, Japanese, Norwegian, and Chinese
- Military spec connectors, waterproof IP67 rating and rubber over-molded case
- 3 year instrument warranty; 2 year cable warranty (sensor warranties vary)

Not only have we answered our customers demands for a handheld instrument that can measure turbidity, the ProDSS can also measure depth (optional) in addition to pH, ORP, optical DO, and conductivity.

There are many options when "building" a ProDSS instrument. You can choose cables up to 100-m with or without a depth sensor and each of the 4 sensor ports can accept any ProDSS smart sensor.

The ProDSS is a true field instrument. The titanium smart sensors can easily be replaced in the field and our durable MS (Military Spec) locking bayonet-style cable connector ensures quick cable connection. A rugged and waterproof (IP-67) rubber over-molded instrument casing provides protection from the demands of field sampling.

Total Algae Sensors

ProDSS Total Algae PC Phycocyanin Freshwater Smart Sensor (Thomas 1159A11)

The ProDSS Total Algae-Phycocyanin (TAL-PC) sensor is a dual-channel fluorescence-based sensor, with a channel for chlorophyll a, found in all algae, and a channel for the accessory pigment phycocyanin that is commonly found in freshwater blue-green algae. It is used for early detection of blue-green algae that can lead to harmful algal blooms.

ProDSS Instrument General Specifications

Barometer	Built-in barometer
Certifications	RoHS, CE, WEEE, FCC, IP-67, 1-meter drop test, UN Part III Section 38.3 test methods for lithium-ion batteries (class 9), Assembled in USA
Connectivity	Built-in micro USB port
Connector	MS (military spec) waterproof with quarter-turn bayonet lock (unsurpassed in regards to durability)
Data Management	KorDSS desktop PC software (included)
Data Memory	>100,000 data sets; 400 GLP files
Dimensions	8.3 cm width x 21.6 cm length x 5.6 cm depth (3.25 in x 8.5 in x 2.21 in)
Display	Color, LCD graphic display; backlit keypad
Cables	With or without depth sensors in lengths of 1, 4, 10, 20, 30, 40, 50, 60, 70, 80, 90 and 100-meters; 10, 20 and 30-meter cables include a cable management kit; all cables 10-meters and longer include a 1 lb weight
Flow Cell	Yes; flow cell is available
GLP Compliance	Yes; detailed GLP information is stored and is available to view, download or print
Languages	English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese (Simplified & Traditional)
Logging Modes	Single point or Continuous

Operating Temperature	0 to 50°C (32 to 122°F)
Power	Rechargeable lithium-ion battery pack providing ~48 hours of battery life (instrument only with backlight off)
Storage Temperature	0 to 45°C (32 to 113°F) with battery installed
	0 to 60°C (32 to 140°F) without battery installed
Sites and Data ID	100 user-defined sites and 100 user-defined data ID tags
Warranty	3-year instrument; 2-year bulkhead, cable assembly, and sensors; 1-year pH and pH/ORP sensor modules, ODO (opticalDO) sensor caps, and Li-Ion battery pack; 6-months ammonium, nitrate, and chloride sensor modules
Waterproof	IP-67 (even with the battery cover off); floats
Meter Weight with Batteries	567 grams (1.25 lbs)
Bulkhead Weight with 4 Sensors	680 grams (1.5 lbs) with sensor guard on; 589 grams (1.3 lbs) without sensor guard
GPS	Optional internal GPS; coordinates are stored with measurement data and site lists
Sensor Ports	4 universal sensor ports on each cable; can accept any ProDSS sensor



a xylem brand



Parameters:

- Dissolved Oxygen (Optical)
- Turbidity
- pH
- ORP/Redox
- Conductivity
- Specific Conductance
- Salinity
- Total Dissolved Solids (TDS)
- Resistivity
- Seawater Density
- Total Suspended Solids (TSS)
- Depth
- Ammonium
- Ammonia
- Chloride
- Nitrate
- Temperature

SPECIFICATIONS

DOCUMENT #W83

YSI ProDSS Multiparameter Sampling Instrument

Portable digital sampling system for the measurement of pH, ORP, dissolved oxygen (optical-based sensor), conductivity, turbidity, temperature, depth and more.

Designed for use in applications such as surface water, groundwater, coastal waters, and aquaculture, the rugged and reliable ProDSS allows for measurement of up to 17 parameters. The ProDSS features user-replaceable digital smart sensors that are automatically recognized by the instrument when connected. A backlit color display, large memory, convenient calibration procedures, rechargeable battery, and powerful PC data management program (KorDSS) make the ProDSS user friendly. The optional GPS function, wide range of sensors, and varying cable lengths allow for complete customization of the ProDSS. Mil-spec (military spec) connectors and a waterproof (IP-67), rubber over-molded case ensures durability to provide years of sampling even in the harshest field conditions.

- Single cable design features universal ports which can accept any 4 sensors plus depth
- Long-life rechargeable lithium-ion battery to power handheld and sensors
- Color display and backlit keypad allow for sampling in all lighting conditions
- Digital smart sensors are automatically recognized by the instrument and store calibration data
- User-replaceable cables and sensors provide versatility, reduce down time and reduce overall cost of ownership
- Large memory (> 100,000 data sets) with extensive site list and Data ID tag capabilities
- KorDSS, a powerful data management software with geo-mapping capability, is included with the instrument
- USB On-The-Go connector for PC connection, recharging/powering the ProDSS and connecting directly to a USB stick
- Global Positioning System (GPS) (optional)
- Cable lengths up to 100 meters available with or without a depth sensor
- Rugged, waterproof case (IP-67 rated) with rubber over-mold and metal, military-spec (MS) cable connectors as well as rugged titanium sensors
- Multiple languages in handheld and KorDSS: English, Spanish, Portuguese, French, German, Italian, Japanese, Norwegian, and Chinese (simplified and traditional)
- Warranty: 3-year instrument; 2-year cable assembly and sensors; 1-year pH and pH/ORP sensor modules; 6-months ammonium, nitrate and chloride sensor modules.

YSI ProDSS

ProDSS General Specifications

Size	8.3 cm width x 21.6 cm length x 5.6 cm depth (3.25 in. x 8.5 in. x 2.21 in.)
Weight with batteries	567 grams (1.25 lbs)
Power	Rechargeable lithium-ion battery pack providing ~48 hours of battery life (instrument only with backlight off)
Instrument operating temperature	0 to 50 °C (32 to 122 °F)
Instrument storage temperature	0 to 45 °C (32 to 113 °F) with battery installed; 0 to 60 °C (32 to 140 °F) without battery installed
Display	Color, LCD graphic display
USB port	Built-in micro USB On-The-Go port for PC connection, recharging/powering the ProDSS and connecting directly to a USB stick
Cables	Available with or without depth sensor in 1, 4, 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100-meters
Sensor ports	4 universal sensor ports on each cable; can accept any ProDSS sensor
Warranty	3-year instrument, 2-year bulkhead, cable assembly, and sensors; 1-year pH and pH/ORP sensor modules, ODO sensor caps, and Li-ion battery pack; 6-months ammonium, nitrate, and chloride sensor modules
Memory	> 100000 data sets
Logging modes	Single point or continuous with autostable feature
GLP compliance	Yes; 400 detailed GLP records can be stored and are available to view, download, and print.
Languages	English, Spanish, Portuguese, French, German, Italian, Japanese, Norwegian, Simplified Chinese, Traditional Chinese
Certifications	CE, RoHS, IP-67, WEEE, FCC, UN Part III, Section 38.3, Test methods for lithium-ion batteries (Class 9)
GPS	Optional internal GPS; coordinates are stored with measurement data and site lists
Sites and data ID	100 user-defined sites and 100 user-defined data ID tags

ProDSS System Specifications (Instrument, Sensor, and Cable)

Sensor/Parameter	Range	Accuracy	Resolution	Units
Temperature	-5 to 70 °C (temperature compensation range for DO mg/L measurement: -5 to 50 °C)	±0.2 °C	0.1 °C or 0.1 °F (user selectable)	°C, °F, K
pH	0 to 14 pH units	±0.2 pH units	0.01 pH units	pH, pH mV
ORP	-1999 to 1999 mV	±20 mV	0.1 mV	mV
Dissolved Oxygen	0 to 500%, 0 to 50 mg/L	0 to 200%: ±1% of reading or 1% saturation, whichever is greater 200 to 500%: ±8% of reading 0 to 20 mg/L: ±0.1 mg/L or 1% of reading, whichever is greater 20 to 50 mg/L: ±8% of reading	0.01 mg/L and 0.1%, or 0.1 mg/L and 1% (user selectable)	% saturation, % saturation local, mg/L, ppm
Barometer	375 to 825 mmHg	±1.5 mmHg from 0 to 50 °C	0.1 mmHg	mmHg, inHg, mbar, psi, kPa, atm
Conductivity	0 to 200 mS/cm	0 - 100 mS/cm: ±0.5% of reading or .001 mS/cm, whichever is greater 100 - 200 mS/cm: ±1.0% of reading	0.001, 0.01 or 0.1 µS/cm (range dependent)	µS/cm, mS/cm
Specific Conductance*	0 to 200 mS/cm	0 - 100 mS/cm: ±0.5% of reading or .001 mS/cm, whichever is greater 100 - 200 mS/cm: ±1.0% of reading. User selectable reference temperature (15 to 25 °C, default 25 °C) and compensation coefficient (0 to 4%/°C, default 1.91%)	0.001, 0.01, 0.1 mS/cm	µS/cm or mS/cm
Salinity*	0 to 70 ppt	±1.0% of reading or ±0.1 ppt, whichever is greater	0.01 ppt	ppt or PSU
Total Dissolved Solids (TDS)*	0 to 100 g/L	Calculated from specific conductance and a user-selectable TDS multiplier (0.30 to 1.00, default 0.65)	0.001, 0.01, 0.1 g/L	mg/L, g/L, kg/L
Resistivity*	0 to 2 Mohms	±0.1% Full Scale	0.001, 0.01, 0.1 ohms	ohm-cm, kohm-cm, Mohm-cm
Seawater Density*	0.0 to 50.0 sigma T	-	0.1 sigma or sigma T	Sigma, Sigma T
Turbidity	0 to 4000 FNU	0 to 999 FNU: 0.3 FNU or ±2% of reading, whichever is greater 1000 to 4000 FNU: ±5% of reading	0.1 FNU	FNU, NTU
Total Suspended Solids (TSS)*	0 to 30000 mg/L	User correlated from turbidity field measurements and lab TSS measurements from grab samples	0.01, 0.1 mg/L	mg/L
Ammonium**	0 to 200 mg/L NH ₄ -N	±10% of reading or 2 mg/L, whichever is greater	0.01 mg/L	NH ₄ -N mg/L, NH ₄ -N mV
Ammonia*	0 to 200 mg/L NH ₃ -N	-	0.01 mg/L	NH ₃ -N mg/L
Chloride**	0 to 18000 mg/L Cl	±15% of reading or 5 mg/L, whichever is greater	0.01 mg/L	Cl mg/L, Cl mV
Nitrate**	0 to 200 mg/L NO ₃ -N	±10% of reading or 2 mg/L, whichever is greater	0.01 mg/L	NO ₃ -N mg/L, NO ₃ -N mV
Depth	0 to 328 feet (0 to 100 m)	±0.013 ft (±0.004 m) for 1, 4, and 10 m cables ±0.13 ft (±0.04 m) for cables 20 m and longer	0.001 m or 0.01 ft	m, ft

*Derived/calculated parameter **ISEs for freshwater only; 20 meter maximum depth

ProDSS System Specifications (Instrument, Sensor, and Cable)				
Sensor/Parameter	Sensor Type/Measurement Method	Calibration	Maximum Depth	Warranty
Temperature	Thermistor, installed on conductivity sensor	Not available	100 m	2 years for conductivity/temperature sensor
pH	Combination glass bulb electrode, Ag/AgCl reference electrode with gelled electrolyte	1, 2, or 3 point	100 m	2 years for pH and pH/ORP sensors 1 year for pH and pH/ORP sensor modules
ORP	Platinum button with Ag/AgCl reference	1 point	100 m	2 years for pH/ORP sensor 1 year for pH/ORP sensor module
Dissolved Oxygen	Optical luminescence - lifetime method	1 or 2 point	100 m	2 years for optical DO sensor 1 year for optical DO sensor cap
Barometer	-	1 point	-	3 years, integrated into ProDSS handheld
Conductivity	Four nickel electrode cell	1 point	100 m	2 years for conductivity/temperature sensor
Specific Conductance*	Calculated from conductivity and temperature	1 point	-	-
Salinity*	Calculated from conductivity and temperature	1 point	-	-
Total Dissolved Solids (TDS)*	Calculated from specific conductance and a user-selectable TDS multiplier (0.30 to 1.00; default 0.65)	-	-	-
Resistivity*	Calculated from conductivity and temperature	-	-	-
Seawater Density*	Sigma is calculated from salinity, temperature, and pressure (depth) Sigma T is calculated from salinity and temperature	-	-	-
Turbidity	Nephelometric - Optical, 90° scatter	1, 2, or 3 point	-	2 years for turbidity sensor
Total Suspended Solids (TSS)*	User correlated from turbidity field measurements and lab TSS measurements from grab samples	-	-	-
Ammonium**	Ion selective electrode	1, 2, or 3 point	20 m	2 years for ammonium sensor 6 months for ammonium sensor module
Ammonia*	Calculated from ammonium, temperature, salinity, and pH	-	-	-
Chloride**	Ion selective electrode	1, 2, or 3 point	20 m	2 years for chloride sensor 6 months for chloride sensor module
Nitrate**	Ion selective electrode	1, 2, or 3 point	20 m	2 years for nitrate sensor 6 months for nitrate sensor module
Depth	Pressure transducer	1 point	-	2 years, integrated into cable assembly

*Derived/calculated parameter

**ISEs for freshwater only; 20 meter maximum depth

ProDSS Order Guide

Step 1: Order Instrument

All instruments include a rechargeable lithium-ion battery (pre-installed), hand strap, USB cable for charging the ProDSS battery and for connection to a PC, universal AC charger, cable for connection to a USB memory stick, ProDSS quick start guide, and USB memory stick containing KorDSS software and digital copy of the comprehensive manual.

626870-1: Handheld with no GPS

626870-2: Handheld with GPS

Step 2: Order Cable

Cables do not include an integrated temperature sensor. All cables include 4 universal sensor ports and a maintenance kit (3 port plugs, tube of Krytox® lubricant, brush for conductivity probe, syringe for depth sensor, and sensor installation/removal tool). A 1 lb. weight is included with all cables 10 meters and longer while 10, 20, and 30 meter cables include a cable management kit.

626909: No depth sensor integrated in **1, 4, 10, 20, 30, 40, 50, 60, 70, 80, 90,** or **100** meter cable.

626910: Depth sensor integrated in **1, 4,** or **10** meter cable.

626911: Depth sensor integrated in **20, 30, 40, 50, 60, 70, 80, 90,** or **100** meter cable.

ProDSS Order Guide continued

Step 3: Order Smart Sensor(s)

For highest accuracy, always install a conductivity/temperature sensor to compensate all measurement data for temperature and dissolved oxygen data for conductivity. Please visit ysi.com/ProDSS for replacement module ordering info.

- | | |
|---|--|
| <input type="checkbox"/> 626900 : Optical dissolved oxygen (ODO) | <input type="checkbox"/> 626904 : pH/ORP sensor with module |
| <input type="checkbox"/> 626901 : Turbidity | <input type="checkbox"/> 626905 : Nitrate sensor with module |
| <input type="checkbox"/> 626902 : Conductivity and temperature | <input type="checkbox"/> 626906 : Ammonium sensor with module |
| <input type="checkbox"/> 626903 : pH sensor with module | <input type="checkbox"/> 626907 : Chloride sensor with module |

Step 4: Order Standards

- | | |
|---|--|
| <input type="checkbox"/> 065270 : Conductivity standard, 1000 umhos/cm (quart) | <input type="checkbox"/> 003841 : 1 mg/L ammonium standard (500 mL) |
| <input type="checkbox"/> 065272 : Conductivity standard, 10000 umhos/cm (quart) | <input type="checkbox"/> 003842 : 10 mg/L ammonium standard (500 mL) |
| <input type="checkbox"/> 065274 : Conductivity standard, 100000 umhos/cm (quart) | <input type="checkbox"/> 003843 : 100 mg/L ammonium standard (500 mL) |
| <input type="checkbox"/> 603824 : 2 pints each of 4, 7, and 10 pH buffers | <input type="checkbox"/> 003885 : 1 mg/L nitrate standard (500 mL) |
| <input type="checkbox"/> 061320 : Zobell standard for ORP (mV) calibration, 125 mL | <input type="checkbox"/> 003886 : 10 mg/L nitrate standard (500 mL) |
| <input type="checkbox"/> 608000 : Turbidity standard, 0 FNU (1 gallon) | <input type="checkbox"/> 003887 : 100 mg/L nitrate standard (500 mL) |
| <input type="checkbox"/> 607200 : Turbidity standard, 12.4 FNU (1 gallon) | |
| <input type="checkbox"/> 607300 : Turbidity standard, 124 FNU (1 gallon) | |
| <input type="checkbox"/> 607400 : Turbidity standard, 1010 FNU (1 gallon) | |
| <input type="checkbox"/> 005580 : Confidence Solution® to verify pH, ORP and conductivity data (not for calibration) | |

Step 5: Order Accessories

- | | |
|--|--|
| <input type="checkbox"/> 626946 : Large, hard-sided carrying case | <input type="checkbox"/> 626846 : Replacement Li-ion battery pack |
| <input type="checkbox"/> 603075 : Large, soft-sided carrying case | <input type="checkbox"/> 626969* : ProDSS USB flash drive |
| <input type="checkbox"/> 626945 : Small, hard-sided carrying case (1 and 4 meter) | <input type="checkbox"/> 626991* : USB cable for charging and PC connection |
| <input type="checkbox"/> 599080 : Flow cell | <input type="checkbox"/> 626992* : Cable for connection to USB stick |
| <input type="checkbox"/> 603056 : Flow cell mounting spike | <input type="checkbox"/> 626990** : Cable maintenance kit |
| <input type="checkbox"/> 063507 : Tripod | <input type="checkbox"/> 626919** : Probe guard kit |
| <input type="checkbox"/> 063517 : Ultra clamp | <input type="checkbox"/> 599786** : Calibration/storage cup |
| <input type="checkbox"/> 603070 : Shoulder strap | <input type="checkbox"/> 603062*** : Cable management kit |
| <input type="checkbox"/> 603069 : Belt clip | <input type="checkbox"/> 626918**** : 1 lb weight |
| <input type="checkbox"/> 626942 : USB car charger | <input type="checkbox"/> 605978 : 4.9 oz weight |
| <input type="checkbox"/> 626943 : Small external battery pack. Will typically recharge battery to ~50% when completely discharged | |
| <input type="checkbox"/> 626944 : Large external battery pack. Will typically recharge battery and charge second battery to ~20% | |
| <input type="checkbox"/> 626940* : AC charger (USA). Includes power supply and USB cable (626991) | |
| <input type="checkbox"/> 626941* : AC charger (International). Includes power supply, USB cable and outlet adapters | |

*Included with new ProDSS. Only one (1) AC charger is included based on region **Included with all cables

Included with all 10, 20, and 30 meter cables *Included with all cables 10 meters and longer



YSI is a registered trademark.
Specifications are subject to change. Please visit ysi.com to verify all specs.
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YSI

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info@ysi.com
@YSInc
ysi.com



a xylem brand

1222X35

Mfr. No. H36906-0010

Description Sterileware® Scoop, White, 250ml (8oz), Pack of 10



Request A Web Profile

SP Bel-Art

Scienceware® Sterileware® Scoops

[Email This Page](#) [Print Page](#)

★★★★★

Description

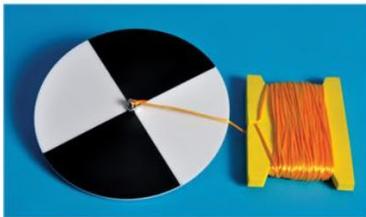
Sterileware® Scoops are the perfect shape and size for taking samples, especially from wide mouth containers.

- White scoops are made from high-impact FDA grade polystyrene
- Each scoop is individually sealed and sterilized in a polyethylene bag ready for one-time use and disposal
- Long handle increases distance between the hand and sample to minimize sample contamination potential
- Flat bottom keeps scoops upright when filled or empty and can be used for weigh boats
- Capacity: 60 ml (2oz), 125 ml (4oz), 250 ml (8oz)
- Bowl: (2oz): 25 x 76 x 38mmH (1" x 3" x 1-1/2"), (4oz): 25 x 89 x 44mmH (1" x 3-1/2" x 1-3/4"), (8oz): 51 x 127 x 51mmH (2" x 5" x 2")
- Also available in red - bright red color reduces chance of scoop accidentally being left in the sample and provides a contrasting background to better view light samples

1208Z57

Mfr. No. SCDSK1

Description Secchi Disk



United Scientific Supplies

Secchi Disk

[Email This Page](#) [Print Page](#)

★★★★★

Description

Good quality and inexpensive Secchi Disk for water clarity measurements. Constructed of robust white plastic disk with permanent screen printed black sectors. Includes attached sinker and rot-proof polymer line on a polymer foam bobbin. Line length is approximately 72 feet.

CHM02D171

Mfr. No. SPEC-CR6M

Description

SPEC-CR6M 1000 UG/ML CR+6 1000 UG/ML CR+6 MATRIX: H2O VOLUME: 30 ML



request A Web Profile

spex Assurance® Grade Chromium +6

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★★★★★

Description

Speciation Standards Speciation analysis has become common in many fields, including environmental, food and pharmaceutical testing labs. To analyze species within a sample requires Certified Reference Materials (CRMs) for sample verification and method validation. Many speciation standards are available in today's market, however, most of them are not certified or analyzed with a state-of-the-art ICP, ICP-MS or LC-ICP-MS. SPEX CertiPrep offers a wide variety of speciation standards, certified to the strictest ISO 17034 guidelines, and tested on our own LC-ICP-MS.

C987J93

Mfr. No. S6014-12KG

Description Fluka Sodium bicarbonate ACS reagent, =99.7%, 12 kg



request A Web Profile

MilliporeSigma

Sodium bicarbonate, ACS reagent, 99.7-100.3%

[Email This Page](#) [Print Page](#)

★★★★★

Description

Specifications

Synonyms: Sodium hydrogen carbonate

Formula: NaHCO₃

Formula Weight: 84.01

CAS No.: 144-55-8

Purity: 99.7-100.3%

Packaging: 12, 50 kg in poly drum

Description

Specifications

Anion Traces: chloride (Cl⁻): ≤0.003%

Assay: 99.7-100.3%

Cation Traces: Ca: ≤0.02%

Grade: ACS reagent

Impurities: ≤0.015% Insoluble matter

pKa (25°C): (1) 6.37, (2) 10.25 (carbonic acid)

Quality Level: PREMIUM

21A00P713

Mfr. No. EW-07944-28

Description SYRINGE 50ML LUER-LOK 25PK

Cole-Parmer

Disposable Syringe

✉ Email This Page 🖨 Print Page

★★★★★



Description

Use these latex-free, disposable polypropylene syringes for your general-purpose applications. Available in either Luer-Lok or slip-tip versions. Syringes come nonsterilized in bulk packages and can be autoclaved. Needles and shield tips are not included; order separately.

- Constructed of durable polypropylene
- Luer-lock tip connection type

1226X78

Mfr. No. 532160

Description

Sulfate 4 Reagent Powder Pk 10mL Pk100 UN1564 (Recommended Alternative to Hach Part 2106769)



Request A Web Profile

Lovibond

Sulfate 4 Reagent Powders

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★★★★★

Description

Powder Pack Reagents are pre-measured, unit dose reagents that have been formulated for use in Lovibond's Aqua Comparator Test Kits, the SC450 Single Parameter Colorimeter Series, MC500 Multi-Parameter Colorimeter, and the SP600 Spectrophotometer. These easy-to-use chemistries offer an extended shelf life and serve as a direct replacement to Hach® reagents. They can also be used in Hach® instruments. Why pay more for the same results? Lovibond will stand behind the comparability of results.

7733T96

Mfr. No. 9402073

Description Finntip 5mL, 0.5-5mL, Green, Sterile, 5x54/rack



Just A Web Profile

Thermo Scientific

Finnpipette Finntips

[Email This Page](#) [Print Page](#)

★★★★★

Description

Specifications

Advanced molding process prevents flash around tip and a perfectly centered opening

- Smooth uniform surface
- Convenient packaging
- Color-coded
- Fully autoclavable

Optimal design with a smooth, clear, hydrophobic surface ensures complete sample dispensing and minimal liquid retention. Ribbed top ensures a leakproof seal.

2714V09

Mfr. No. 5185-5959

Description

Tuning Solution: Li, Mg, Y, Ce, Tl, Co; 2 X 500ml, 1 Ug / L; Matrix= 2% Hno3

 (Domestic Only)

Agilent Technologies

ICP-MS Standards

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★★★★★

Description

Agilent Technologies products are intended for sale/shipment within the US only. International customers should contact their local Agilent Technologies distributor to place orders for Agilent Technologies products.



C836A95

Mfr. No. 607300

Description

Turbidity Standard - 126 NTU (6136), 124 NTU (EXO & ProDSS) - 1 Gallon



a xylem brand

YSI

Turbidity Standard

[Email This Page](#) [Print Page](#)

★★★★★

Description

YSI turbidity solutions calibrate your instruments for maximum accuracy. Extremely accurate and stable solutions. We recommend that YSI-certified polymer-based standards are used for best results.

1177X23

Mfr. No. UC475-GN

Description Ultimate Cup, 50mL, with Green Polyethylene-Faced Lined Cap



Additional Views



[Request A Web Profile](#)

Environmental Express

Ultimate Digestion Cups

[Email This Page](#) [Print Page](#)

★★★★★

Description

Specifications

Still The Industry's Cleanest Resin, Newly Redesigned for Optimum Performance!

All Environmental Express® digestion cups are molded from the same polypropylene resin you've come to trust. We continue to certify our digestion cups for 68 elements-the most on the market, and our improved Certificate of Analysis for background metals and volume accuracy is included in every box purchased.

New design features:

- **Stronger** - increased wall strength provides even more durability for digesting with concentrated acids
- **Easier to Fill** - graduation lines have been added to both sides of the cup, and interfering vent lines are gone forever!
- **Cap Options** - a new linerless cap option to go with our polyethylene-faced lined cap
- **Tighter Seal** - a redesigned screw thread profile tightens the seal and engages our FlipMate® System more securely
- **Wobble Free** - a deeper dimple on the bottom of the cup adds extra stability

UC475 digestion cups provide premium performance in your SC154 HotBlock™, SC100 HotBlock or AutoBlock™. These cups are molded of clarified homopolymer polypropylene assuring higher working temperatures and greater chemical resistance than the commonly used co-polymer polypropylene. Cups are graduated to 50mL and have a total 63mL capacity.

Cole-Parmer item number	5320313
Height (in)	4.25
Width (in)	1.18
Cap color	Green
Cap Diameter (mm)	33
Cap Material	Polyethylene-foam lined PP
Cap Type	Screw-Thread
Height (in)	4.17
Height (mm)	106
Outside Diameter (in)	1.18
Outside Diameter (mm)	30
Sterile	No
Tube Bottom Shape	Flat
Tube Color	Transparent
Tube Material	Polypropylene
Volume (mL)	50

CHM03Q310

Mfr. No. 936227

Description VISOCOLOR PP Iron - 100 Pillows



MACHEREY-NAGEL

VISOCOLOR PP Iron - 100 Pillows

[Email This Page](#) [Print Page](#)

★★★★★

Description

VISOCOLOR Powder Pillows Iron reagent set for photometric determination of Iron. Ideal for drinking water and waste water analysis. Measuring range: 0.03 - 3.00 mg/L Fe

9720D10

Mfr. No. F18512-0000

Description Vial Rack, 24-Hole



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SP Bel-Art

Scienceware® 24 Position Scintillation Vial Rack

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★★★★★

Description

24-Hole Scintillation Vial Rack

- Takes 24 vials up to 30 mm o.d.
- Autoclavable; non-scratching
- Molded cutouts in end panels form handles
- For start to finish preparation

Height to top of upper shelf: 44 mm. Overall dimensions: 298 x 127 x 95 mm high. Height to top of upper shelf is 1-3/4".

1235D30

Also known as: 4378

Description Traceable® Waterproof Thermometer±0.4°C Accuracy



Additional Views



Request A Web Profile

Thomas®

Traceable® Lollipop Shock/Waterproof Thermometer

 Email This Page  Print Page

★ ★ ★ ★ ★

Description

Additional Info

- Ideal for indoor/outdoor use
- Minimum/maximum memory
- Temperature range is -58° to 572°F and -50° to 300°C
- Display Type: 3.5-digit LCD, 1/4" H digits

Traceable® Lollipop thermometers are suitable for use indoors or outdoors, in wet labs and virtually all field applications. Temperature resolution is 0.1° from -20° to 200°, otherwise 1°. Accuracy is ±0.4°C or ±1°C between 0° and 100°C. Stainless steel dimensions are 8 x 0.14 inch diameter while overall size is 10 1/4" x 1 3/4" x 1/2". Weight is 7/8 of an ounce. Thermometers are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.

TRACEABLE® LOLLIPOP™ WATERPROOF/SHOCKPROOF THERMOMETER INSTRUCTIONS

SPECIFICATIONS

Range: -50 to 300°C,
-58 to 572°F

Resolution: 0.1°C from -20 to 200°C,
1°C outside this range

Accuracy: **Cat. No. 4371:**
±1.0°C between
0 and 100°C

Cat. No. 4378:
±0.4°C between
0 and 100°C
at tested points

Sampling Rate: 1 sec

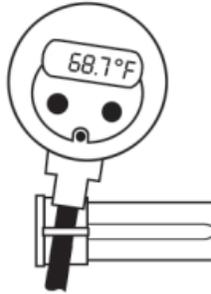
Unit diameter: 1.75"

Stem length: 8"

Stem diameter: 0.14"

Overall length: 10.5"

Weight: 1/4 ounces



*Insert the probe into
the "loop" on the cover.
It makes a perfect holder.*

ULTRA™ THERMOMETER ACCURACY

Ultra™ thermometers are tested at selected test points to be within tighter than normal tolerances to assist in providing improved accuracy. Other points will not necessarily fall within accuracy as those found at selected test points, but will be within an accuracy of ±1.0°C.

FEATURES

- Waterproof and shockproof
- Stainless steel sensor probe
- Max/Min memory recall
- °F/°C selectable
- One second sampling rate
- Protective plastic sleeve with clip and holder
- Low battery indicator

OPERATION

Remove Lollipop™ thermometer from the protective sheath. Press ON/OFF button to activate. Press °F/°C button to switch between Fahrenheit and Celsius temperature. Insert probe into the material to be measured and read display.

MAX/MIN MEMORY

To view the minimum temperature reached since activating unit, press MAX/MIN button. "MIN" appears on the display to indicate the minimum temperature recorded. Press MAX/MIN button a second time within 3 seconds to view the maximum temperature reached since activating unit. "MAX" appears on the display to indicate the maximum temperature recorded.

NOTE:

Three seconds after pressing the MAX/MIN button, the unit automatically returns to current sampling mode. Indicators "MIN" and "MAX" are no longer displayed. Turn the unit OFF to reset max/min to current temperature.

ALL OPERATIONAL DIFFICULTIES

If this thermometer does not function properly for any reason, please replace the battery with a new high quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

BATTERY REPLACEMENT

The Lollipop™ thermometer displays a low battery indication, "⎓", when it is time to replace the battery.

Erratic readings, faint readings or no display are all indications that the battery must be replaced. Using a coin, turn the battery cover on back of the unit in the direction of the "open" arrow. Remove the exhausted battery and replace with a new battery. Make certain the positive (+) side is facing you. Replace the battery cover. Replacement battery Cat. No. 1102.

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

CONTROL COMPANY
4455 Rex Road
Friendswood, Texas 77546 USA
Ph. 281 482-1714 Fax 281 482-9448
E-mail sales@control3.com
www.control3.com

Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.

Cat. No. 4371 / 4378
Traceable® Lollipop Waterproof/ Shockproof Thermometer Instructions
92-4371-00
Rev. 3 080806

0534V43

Mfr. No. 2218-H

Description Wide Range Indicator (pH Reagent 3) 60ml



LaMotte

Wide Range Indicator (pH Reagent 3)

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★★★★★

Description

The LaMotte wide range indicator (pH reagent 3) is suitable for use in research facilities and chemical laboratories to conduct wide range of experiments. It is available in sturdy bottle that endures heavy and rigorous usage.

1139B14

Mfr. No. 290672

Description

128oz Natural HDPE Wide Mouth Round 110-400 Neck Finish with a 110-400 White PP cap ribbed, with Foam liner attached

Berlin Packaging

Qorpak® Wide Mouth Round Bottle

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★★★★★

Description

The Berlin Packaging wide mouth round bottle with a polypropylene cap is made from LDPE material that resists heavy impacts. Graduations are provided on the outer surface and the plastic plug as well as the screw cap ensures a leak-resistant seal. This bottle is used for storing foods, beverages, chemicals and other household items.

1196L66

Mfr. No. 35614-30

Description Oakton Waterproof pH 150 Meter and Probe



Additional Views



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Oakton

Waterproof pH 150 Meter

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Description

Specifications

Best value for an IP67-rated waterproof meter

- Intuitive, user-friendly icons--electrode status displays pH slope
- Grip-Clip holder quickly and easily secures the electrode to your beaker
- Expanded data logging for up to 150 data sets
- mV offset for calibration of ORP standards, zeroing mV, and pH diagnostics
- 700 hour battery-life, or optional AC power adapter
- Built-in stand and wall mount option allow for easy benchtop measurement

The pH 150 meter offers a rugged, waterproof housing with built-in stand at an economical price. The large, three-line LCD lets you simply view the pH or mV measurement simultaneously with temperature and calibration % slope. Auto buffer recognition identifies the correct pH buffer for rapid, reliable calibration.

Calibrate meter with up to six points from USA, NIST, and DIN pH buffer sets. Automatic temperature compensation (ATC) ensures measurement accuracy even in fluctuating temperatures. Select temperature readout from C/ F to suit your application.

Meter features include ready (stability) indicator, smart averaging, hold function, calibration alarm (visible), battery life indicator, and electrode status. Data storage allows manual storage and recall of 150 data sets, as well as the log of the last calibration data.

Meter Kit includes Meter, "All-in-One" pH electrode 35808-71, pH buffers, storage solution, rinse solution, Grip-Clip electrode holder, two AA batteries, and hard carrying case.

Measures	pH, mV, °C/°F
pH Range	-2 to 16
pH Resolution	0.01
pH Accuracy	+/-0.01
pH Calibration	Up to 6 points; USA, NIST, DIN buffer sets
mV Range	-2000 to 2000
mV Resolution	0.1 to 1
mV Accuracy	+/-0.2 mV +/- 2 LSD or +/-0.5% of reading; whichever is greater
mV Calibration	+/- 200 mV
Temperature Range	-10 to 110 deg C
Temperature Resolution	0.1
Temperature Accuracy	+/-0.5
Temperature Calibration	Offset in 0.1 increments
ATC	Automatic or manual
Power	2 AA batteries; optional AC adapter(09376-01)
Memory	150 data sets
Optional AC Power	Yes
Built-in Stand	Yes
Dual Display	Yes
Waterproof/Dustproof (IP67)	Yes
Dimensions	7 7/8"x 3 1/8" 2 1/4" (20 x 8.3 x 5.7 cm)
Shipping weight	1 lb (0.5 kg)

1720N26

Mfr. No. 2019-0060

Description Narrow Mouth Square Bottle Sterile PETG 60 ml



1720N27

Mfr. No. 2019-0125

Also known as: 16159130

Description Narrow Mouth Square Bottle Sterile PETG 125 ml

1720N28

Mfr. No. 2019-0250

Description Narrow Mouth Square Bottle Sterile PETG 250 ml



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Thermo Scientific Nalgene

Sterile, PETG Square Media Bottles

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Description

Sterile, polyethylene terephthalate copolyester (PETG) media bottles

- Nalgene 2019 series
- Bottles provide reduced permeability to CO₂/O₂ to minimize outgassing and pH shifts; especially suited for media storage
- Transparent, radiation-sterilized, non-cytotoxic and non-pyrogenic
- Maximum use temperature to 70°C (150°F)
- Permanent molded-in graduations
- White, HDPE closures
- Leakproof

Shrink-wrap band assures product integrity. Packed in shrink-wrapped trays for easy storage and handling. Sterile 10⁻⁶ SAL.

C748A82

Description Buffer Solution, Red, pH 4.00, 20L

C748A87

Description Buffer Solution, Yellow, pH 7.00, 20L

C748A92

Description Buffer Solution, Blue, pH 10.00, 20L



Additional Views



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chemForce™ (powered by Thomas Scientific)

Color-Coded pH Buffer Solutions

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Description

Additional Info

Harmonized #: 3822.00.0002|5090

Shelf Life (months): 24

Specific Gravity: 1.00

DOT: Not regulated

Physical State: Liquid

Flash Point: Not applicable

Solubility: Miscible

Storage Temperature: Ambient

Storage Code: General

SDS Data sheets available here.

https://www.thomassci.com/Chemicals/pH-Buffers/_/Color-Coded-pH-Buffer-Solutions?q=C748A82

23A00F641

Mfr. No. PLA-03260

Description

16oz (480ml) Natural HDPE Modern Round with 28-410 neck finish, bottle only



Qorpak

Natural HDPE Modern Round Bottles

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★★★★★

Description

Natural HDPE Modern Round Bottles feature side panels to allow for label application. Natural HDPE (high-density polyethylene) is translucent and commonly used for the storage and packaging of liquids. The modern round bottle has a sloped shoulder, which allows for maximum fill capacity and easy pouring.

1 2 3 4 5 6 7 8 9 10 11 12

C755M82

Mfr. No. C2120500-20E6

Pkg. Size 20L

UN # UN1987

Description

Ethyl Alcohol, Denatured, 95%, 20L, Cubitainer

Pkg. Type

Cubitainer



Request a Web Profile

Reagents®

Ethyl Alcohol, Denatured, 95%

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★★★★★

Description

Composition: Ethyl Alcohol 85.40%, Water 7%, Methyl Alcohol 3.60%, Methyl Isobutyl Ketone 1.90%, Ethyl Acetate 1.30%, Petroleum Ether 0.80%

Assay Percent: 0.95

Boiling Point: Approximately 77°C

Density: 0.8

Melting Point: Approximately -90°C

Color: Colorless liquid

Physical State: Liquid

Flash Point: 14°C

Solubility Information: Miscible

Synonyms: Ethyl Alcohol

Shelf Life: 120 Months

Storage: Ambient

DOT: UN1987, ALCOHOLS, N.O.S. (ETHANOL, METHANOL), 3, P.G. II

CHM03V850

Mfr. No. 3248

UN # UN3481

Description Dc1500 Iron Colorimeter Kit



LaMotte

Dc1500 Iron Colorimeter Kit

[Email This Page](#) [Print Page](#)

★★★★★

Description

Single wavelength colorimeter with reagents and carrying case. Lithium rechargeable battery. LED light source with silicon photodiode and interference filter. Iron uses 1, 10 Phenanthroline method, range 0-5.0ppm with 0.25 detection limit. Reagents for 100 tests

C997A98

Mfr. No. 2238-1

Pkg. Size 4 L

Description NaCl Cond Std, 200 μ S/cm 4 L



jest A Web Profile

Conductivity Standard, 200 μ S/cm at 25°C (95 ppm TDS as NaCl)

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★★★★★

Description

You will be hard-pressed to find another company that offers tighter specs and a wider range of conductivity standards.

Tested in an ISO 17025 Accredited Laboratory.

1181C98

Mfr. No. 50CP045AS

Description Labodisc-50 0.45µm CA PP In-Line Filter Unit



[Request A Web Profile](#)

Advantec MFS

Syringe Filters and 50mm Units, Sterile - MCE, CA, NY, PES, PTFE

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★★★★★

Description Specifications

- 3mm, 13mm, 25mm, 50mm
- 0.10µm to 1.20µm
- Minimal sample hold-up
- High purity, non-pigmented housing and no adhesives used

Advantec MFS offers a broad selection of filter media in convenient sterile disposable syringe filters and 50mm in-line filter units. The Acrylic(AC) and Polypropylene(PP) housing materials are high purity and pigment-free. Adhesives are not used so you can be assured filtrates will not be adulterated. Each unit is marked with identifying codes denoting pore size, membrane, and housing polymer. Units are sterilized by EtO gas, except PES and Nylon are Gamma Irradiated. Dismic models have female luer-lock inlet and male luer slip outlet. These units are individually blister packed. Labodisc-50 models are in-line units with 7-13.5 mm hose barb inlet and outlet connections and an inlet vent. These units are supplied individually bagged.

Cellulose Acetate (CA) - Very Low protein binding suitable for protein and enzyme solutions. Low aqueous extractables(0.1wt%). Nitrate-free for ground-water samples. Clarify and filter sterilize biological fluids, including buffers and tissue culture solutions.

Mixed Cellulose Esters (MCE) - General purpose filtration of aqueous solutions, including clarifying and filter sterilizing biological fluids, buffers, and pharma applications. Offers protein binding. Provides high flow rates.

Nylon (NY) - Low extractables, no wetting agents. Nylon offers broad chemical compatibility making it a good choice for HPLC sample prep. Clarify and sterilize aqueous and organic solvent solutions, including buffers and tissue culture solutions.

Polyethersulfone (PES) - Low protein binding, low extractables, and high throughput. Maximize recovery of proteins and critical drugs. Ideal for pharmaceutical and biological applications where sample recovery and low extractables are essential. Clarify and filter sterilize biological fluids, tissue culture media, proteinaceous and enzyme solutions.

Polytetrafluoroethylene (PTFE) - PTFE is inherently hydrophobic making this media ideal for air filtration and venting applications. Traps aqueous aerosols. Filter organic HPLC samples.

Please Note: ALL Advantec items have a maximum 48 hour cancellation window. Any cancellations AFTER the 48 hour window will incur a restocking fee equal to the cost of the product.

7310W22

Mfr. No. F24675-0000

Description LABMAT BENCH PAPER, 15.2 m RL



quest A Web Profile

SP Bel-Art

Scienceware® Labmat™ Bench Liner

[Email This Page](#) [Print Page](#)

★★★★★

Description

- Disposable bench and drawer liner
- Facilitates clean-up and protects work surfaces from stains, spills and wear
- Cuts easily to desired size with scissors or the Scienceware Safety Cutter

Non-skid plastic backing stops most solutions from soaking through, while the highly absorbent upper surface traps up to 420ml/m² of water, dyes, corrosive chemicals and radioactive solutions. Available in 50.8cm (20") wide by 15.2m (50ft) roll in a dispenser carton, or 50.8 x 61cm (20 x 24") pre-cut sheets.

23A00Q550

Mfr. No. 180060CT

Description SOL-M 60ml Catheter Tip Syringe



Sol-Millennium

Catheter Tip Syringe

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★★★★★

Description

SOL-M™ standard syringes are available in a variety of sizes and, when combined with Sol-M™ hypodermic needles, provide a comprehensive range of solutions.

21A00A508

Mfr. No. P180060

Description 60mL Luer Lock Syringe w/o Needle



/views

Sol-Millennium

Sol-M® Syringe without Needle

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★★★★★

Description

Sol-M 3-Piece Syringes accurately measure liquid medications and are available in a wide range of sizes.

- High-transparency barrel to easily visualize contents
- Silicone lubrication ensures smooth plunger movement
- Plunger backstop that prevents accidental withdrawal of plunger from the barrel
- Large finger grips allow for easy, controlled injections
- Available in Luer Lock, Luer Slip Tip, and Catheter Tip options

1207W15

Mfr. No. ACF00017

Description

Saint Gobain Tygon® S3™ E-3603 Non-DEHP 1/4" ID x 3/8" OD x 50ft



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Saint Gobain

Tygon S3™ E-3603 Laboratory Tubing

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★★★★★

Description

Specifications

Additional Info

Saint-Gobain Tygon S3™ E-3603 Laboratory Tubing

Most consistently reliable tubing for laboratory applications

- Outstanding chemical resistance; non-oxidizing and non-contaminating
- Lot-to-lot consistency for reproducible results
- Smooth, polished inner wall

The Only Choice for Phthalate-free Tubing

- Contains no phthalate or BPA
- Non-DEHP bio-based plasticizer is fully biodegradable and based on sustainable resources
- Safe for the environment; reduced end-user risk

Engineered to Last

Tygon S^{3™} E-3603 non-DEHP tubing is specially formulated for resistance to flex-fatigue and abrasion. In many peristaltic pump applications it will outlast the original formulation, R-3603, by 3 to 1. As a tubing for instrumentation connection, vent, drain and other general laboratory applications, Tygon S^{3™} E-3603 Tubing offers superior life, which minimizes the labor and expense of replacement.

Applications:

- General laboratory
- Biopharmaceutical
- Food & beverage
- Peristaltic and vacuum pumps
- Analytical instruments

Regulatory Compliance:

- USP Class VI
- FDA criteria

Sterilization Methods:

- Autoclavable — Steam 30 minutes at 15 psi at 250°F (121°C)
- Gas — Ethylene Oxide

Description

Specifications

Additional Info

Saint-Gobain Tygon® S³ E-3603 Laboratory Tubing Typical Physical Properties:

Durometer Hardness Rating: Shore A, 56

Color: Clear

Maximum Recommended Operating Temperature: 165°F (74°C)

Low Temperature Flexibility: -67°F (-55°C)

Tensile Strength rated at 1,750 psi (12.1 MPa)

1218X37

Mfr. No. STARA2215

Description

Star A221 pH Portable Meter Kit with ROSS Ultra Triode Low Maintenance Gel pH/ATC Electrode, Solutions, Meter Armor and Field Case



Web Profile

Thermo Scientific Orion

Star™ A221 pH Portable Meters

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★★★★★

Description

Specifications

Get the readings that you need where you need them with the Thermo Scientific Orion Star A221 pH Portable Meter. The large, backlit graphic LCD display shows pH/mV/RmV and temperature along with electrode status, time, date and calibration points.

- Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- Don't miss a reading – AUTO-READ™ locks in the stable reading on your screen and ready indicator alerts when readings are stable
- Up to 5 point pH calibration with automatic recognition for USA/NIST and DIN buffers
- Non-volatile memory holds up to 1000 data points with time and date stamp
- Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary data analysis software
- Four AA batteries (included) provide over 800 hours of operation or purchase the universal power adapter (sold separately) to use AC power
- Perfectly portable, waterproof and protected to take anywhere with a IP67-rated housing
- 3 year manufacturer's meter replacement warranty

STARA2210 includes: Star A221 pH meter, 4 AA batteries, literature CD, printed quick start guide, computer interface cable and meter test certificate

STARA2215 includes: Star A221 pH Meter with Batteries; 8107UWMMMD ROSS Gel-filled Epoxy pH/ATC Triode with 3 Meter Cable; 910410 pH 4.01 Buffer Pouches; 910710 pH 7.00 Buffer Pouches; 911010 pH 10.01 Buffer Pouches; 810001 ROSS Electrode Storage Solution; 911110 Rinse Solution; STARA-AR Protective Armor with Electrode Holder; STARA-CS Hard Carrying Case

STARA2216 includes: Star A221 pH meter, 9107BNMD silver chloride gel-filled epoxy-body pH/ATC electrode, 910410-WA Orion pH 4.01 buffer pouch 10 pack, 910710 Orion pH 7.00 buffer pouch 10 pack, 911010 Orion pH 10.01 buffer pouch 10 pack, 911110 Orion rinse solution pouch 10 pack, 910001 storage solution, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide, computer interface cable and meter test certificate

STARA2217 includes: Star A221 pH meter, 9179BNMD gel-filled ORP/ATC electrode, 967961 ORP standard, 911110 rinse solution pouch 10 pack, 910060 storage solution, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide, computer interface cable and meter test certificate

STARA2218 includes: Star A221 pH meter, 8163BNWP ROSS spear-tip pH electrode, 927007MD Orion stainless steel ATC probe, 910410-WA Orion pH 4.01 buffer pouch 10 pack, 910710 Orion pH 7.00 buffer pouch 10 pack, 911010 Orion pH 10.01 buffer pouch 10 pack, 911110 Orion rinse solution pouch 10 pack, 810001 ROSS storage solution, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide, computer interface cable and meter test certificate

Description	Specifications
pH	
Range	-2.000 to 20.000
Resolution	0.1, 0.01, 0.001
Relative Accuracy	±0.002
Calibration Points	Up to 5
mV/RmV	
Range	±2000.0 mV
Resolution	0.1
Relative Accuracy	±0.2 mV or ±0.05 % of reading whichever is greater
EH ORP Mode	Yes

Temperature	
Range	-5 to 105 °C, 23 to 221 °F
Resolution	0.1
Relative Accuracy	±0.1
Offset Calibration	1 point
Datalogging	
Number of Points	1000 with time and date stamp
Log Function	Manual, Automatic with AUTO-READ™
Log Edit	Delete last reading or all
Inputs	
pH Electrode	BNC, reference pin
ATC Probe	8-pin mini-DIN
Output	
	RS232, USB

Power	
AC Adapter	Optional – universal, 100-240 VAC
Battery Power	Included – 4 AAs
Battery Life	800 hrs

1220K87

Description Nonsterile Nylon Syringe Filters, 0.45(μm), 25(mm)



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LabForce® (powered by Thomas Scientific)

Nonsterile Nylon Syringe Filters

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★★★★★

Description

Disposable Syringe Filters featuring:

- Polypropylene housing
- Leur-Lok and pressure fitting
- Convenient color coding system
- Broad filter material selection
- Ultrasonically bonded for reliability

Polyamide/Nylon (PA)

This is a hydrophilic material; it is recommended for filtration of aqueous or organic/aqueous medium polar liquids.

21A00A508

Mfr. No. P180060

Description 60mL Luer Lock Syringe w/o Needle



Views



Sol-Millennium

Sol-M® Syringe without Needle

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★★★★★

Description

Sol-M 3-Piece Syringes accurately measure liquid medications and are available in a wide range of sizes.

- High-transparency barrel to easily visualize contents
- Silicone lubrication ensures smooth plunger movement
- Plunger backstop that prevents accidental withdrawal of plunger from the barrel
- Large finger grips allow for easy, controlled injections
- Available in Luer Lock, Luer Slip Tip, and Catheter Tip options

C000G34

Mfr. No. CGN11-125ML

Description ICP 1000ug/mL Nickel, 125mL



Additional Views



View it A Web Profile

Inorganic Ventures

1000 ppm Nickel for ICP

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★★★★★

Description Specifications

Inorganic Ventures' 1000 ppm Nickel for ICP is a certified reference material set in a nitric acid matrix for stability. This nickel standard is Traceable to NIST and manufactured in accordance with our stringent Quality Assurance guidelines. One year Expiration Date.

To obtain COA and SDS information, please visit: <https://www.inorganicventures.com/coa-sds-search>

Size:	125 or 500 mL
Matrix:	Nitric Acid (HNO ₃)
Starting Material:	Ni metal
Dilution:	—
Documentation:	Certificate MSDS



Description

Specifications

Analyte	µg/mL
Ni	1000

CHM03U995

Mfr. No. SDA-3C-USP-200-009

Pkg. Size 55 gal

CAS # 64-17-5, 67-63-0

UN # UN1987

Description

200 proof Specially Denatured Alcohol
formula 3C, SDA40B, 55 gallons**Class**

3

Grade

USP

Pkg. Type

Drum, Poly

Pkg. Group

PG2

Simple Solvents

Specially Denatured Ethanol 3C

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Description

UN Number: UN1987 Synonym(s): Specially Denatured Ethanol

C846N71

Mfr. No. C10651000-4

Pkg. Size 4L

Description

Conductivity Std (KCL) 1,000 uS/cm 4L

Pkg. Type

Bottle, Poly

Exaxol

Conductivity Standard (KCL), 1,000 uS/cm

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Description

- Meets requirements of both ISO 17025 and ISO 17034 Certified Reference Materials, made under the strictest standards for stability, homogeneity, and accuracy
- Tested to tolerances of $\pm 0.5\%$
- Supported by detailed Certificate of Analysis including temperature variation values and stated uncertainty
- Competitively priced, bringing you top quality products without the high price tag

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CHM03X104

Mfr. No. 530180

Description VARIO Chlorine Free DPD F10



Lovibond

VARIO Free Chlorine Solution

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★★★★★

Description

Lovibond water testing products include reagents for water analysis and standard solutions for calibration purposes.

1709A25

Mfr. No. 121-4000

Description Jar Tall Wide Mouth Clear, 4000 ml



I-Chem

Tall Wide Mouth Clear Glass Jars

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★★★★★

Description

Specifications

Type III glass jar features a Teflon®-lined, polypropylene closure. Jar is suitable for use in soil, sludge and sediment sampling. Certified 200 and 300 series bottles are guaranteed to meet the EPA's Performance Based Specifications for Metals (Group 1) and Semi-Volatiles/Pesticides/PCB's (Group 2) analysis.

1204F75

Mfr. No. 816020-2170

Description

4 Dram (15mL), 21x70mm Clear Borosilicate Glass Vial, 18-400mm Thread, Assembled with Black Solid Top Polypropylene Closure PTFE/F217 Lined



J.G. Finneran

Dram Sample Vials

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★★★★★

Description

The dram/sample vials are available in clear or amber Type I borosilicate glass assembled with solid top or open hole black polypropylene screw thread closures. The solid top closures are lined with PTFE/F217 material and the open hole closures have PTFE faced silicone septa assembled in the closure. The assembled sample vials are packed in trays of 100.

1204F69

Mfr. No. 88020-1760

Description

2 Dram (8.0mL), 17x60mm Clear Borosilicate Glass Vial, 15-425mm Thread, Assembled with Black Solid Top Polypropylene Closure PTFE/F217 Lined



J.G. Finneran

Dram Sample Vials

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★★★★★

Description

The dram/sample vials are available in clear or amber Type I borosilicate glass assembled with solid top or open hole black polypropylene screw thread closures. The solid top closures are lined with PTFE/F217 material and the open hole closures have PTFE faced silicone septa assembled in the closure. The assembled sample vials are packed in trays of 100.

1235C99

Also known as: 4173

Description Conductivity Standard, 1413 μS , 16 oz. (473 mL)



Just A Web Profile

LabForce® (powered by Thomas Scientific)

Traceable® Conductivity Standard, 1413 μS

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★★★★★

Description

- Certified Reference Material
- Traceable® Certificate comes with each bottle
- Highest accuracy available

Use Standards with all meters

Traceable® Conductivity Standards, a Certified Reference Material, are 100% compatible with all makes of instruments and probes. Traceable® Conductivity Standards are the most accurate available. Accuracy at 25°C is (± 0.25 microsiemens for 1, 5, 10 microsiemens solution or $\pm 0.25\%$ for other solutions) or the uncertainty shown on the certificate, whichever is greater. Each bottle is labeled for calibrating conductivity (microsiemens/micromhos), resistivity (ohms), and dissolved solids (parts per million).

Methods supported

This certified reference material meets test requirements for Federal, State, and local agencies, CAP, ASTM, NCCLS, CLSI, ACS, CLIA, AOAC, EPA, APHA, AWWA, WEF, USGS, USP, and ISO. Traceable® Certified Reference Material complies with and is essential for use in these official methods: AOAC 973.40, EPA 120.1, Standard Method 2510 (APHA, AWWA, WEF), ISO 7888, DIN 38404, ASTM D1125, USGS I-1780, USP 645, and for A2LA/NVLAP accreditations/ISO 9000 certifications. Material may be used to calibrate all conductivity meters and to determine all conductivity cell constants.

Double A2LA accreditation ISO 17025 and ISO Guide 34 plus ISO 9001

To assure accuracy an individually serial-numbered Traceable® Certificate is supplied to indicate traceability to standards provided by NIST (National Institute of Standards and Technology) and/or a National Standards Laboratory. Double A2LA accredited certification provides the highest achievable level of quality assurance, documentation, and accuracy. Certified Reference Materials are produced in an A2LA accredited ISO 17025 calibration laboratory by an A2LA accredited ISO Guide 34 reference material producer. Additional accreditations include ISO 31 (certificate content) and ISO 35 (statistical analysis), plus ISO 9001 (certified quality manufacturer).

Each bottle is supplied with step-by-step calibration instructions, individual temperature compensation chart, traceability information, and Traceable® Certificate. Supplied in a 16-ounce bottle.

Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.

1199Z27

Description Vial, w/ Tablet and Tie



View Product Web Profile

LabForce® (powered by Thomas Scientific)

Thomas Coliform Water Sampling Vials

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★★★★★

Description

Improved sample container for microbiological testing

- Sterile
- Ideal when filtration or the Colilert® method is used
- Rigid vial is easier to fill than a bag- no spills
- Latching mechanism improved over competitive vials
- Will not open or leak in transit- positive thumb lock latches with an audible click
- Vials are sterile by process; locking arrow indicates an unbroken factory seal
- Superior clarity polypropylene allows use with colorimetric 73 methods

Increase efficiency by sampling, incubating and testing in the same container. One-handed operation with thumb-sized opening tab and locking mechanisms. Unique "safety hasp" latch means no more "threading a needle" as with competitive vial closures, eliminating the vial tipping over and opening in transit. High clarity polypropylene does not shatter during transit. Fully compatible with the Idexx Colilert method of testing. The 120 mL microbiological container has a raised sample fill ring at 100 mL. Pre-applied sample identification label.

Available with or without sodium thiosulfate tablet for coliform or more general water sampling and with or without a chain-of-custody tie. Lot numbered for easy documentation and traceability. Independent laboratory analysis of microbiological Q.C. results is available by special request if required.

NOTE: chain-of-custody tie is not necessary to ensure closure during transit.

ARROWDIST

Mfr. No. ARROWDIST

Description Water, Pure Life, Distilled Water, 1 gallon



ReadyRefresh by Nestle

Pure Life Distilled Water, 1 gallon

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★★★★★

Description

Pure Life Brand Distilled Water begins with municipal water that is purified. First, the water is passed through an activated carbon filter to remove any volatile organic chemicals, chlorine or any of the potentially harmful byproducts of chlorine, such as trihalomethanes. Then, ion exchange softeners reduce the hardness of the water. Finally, distilled water is produced from steam condensate collection-the gold standard in water purification systems.

21A00A508

Mfr. No. P180060

Description 60mL Luer Lock Syringe w/o Needle



Views

Sol-Millennium

Sol-M[®] Syringe without Needle

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Description

Sol-M 3-Piece Syringes accurately measure liquid medications and are available in a wide range of sizes.

- High-transparency barrel to easily visualize contents
- Silicone lubrication ensures smooth plunger movement
- Plunger backstop that prevents accidental withdrawal of plunger from the barrel
- Large finger grips allow for easy, controlled injections
- Available in Luer Lock, Luer Slip Tip, and Catheter Tip options

4152X58

Mfr. No. 35808-71

Description

All-in-One Waterproof pH electrode, single junction, epoxy body, sealed

Oakton

All in One pH Electrodes: Waterproof Series

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Description

Built-in temperature sensor lets you take ATC readings with a single probe

- Includes a FREE electrode saver bottle to extend electrode life
- Feature a BNC connector for pH and a waterproof 6-pin connector for temperature

All-in-One Waterproof electrodes feature a built-in temperature sensor for taking readings with Automatic Temperature Compensation (ATC). Choose a single junction electrode for field, clean water, and general purpose applications. Choose a double junction electrode for most applications, including dirty water, heavy metals and organics applications.

Each electrode is 12 mm dia with a 3 ft cable.

Use with pH 300, pH 310, pH/CON 300, pH 150, pH 450 pH/CON 510 meters.



Additional Views



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21A00A508

Mfr. No. P180060

Description 60mL Luer Lock Syringe w/o Needle



Views

Sol-Millennium

Sol-M[®] Syringe without Needle

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★★★★★

Description

Sol-M 3-Piece Syringes accurately measure liquid medications and are available in a wide range of sizes.

- High-transparency barrel to easily visualize contents
- Silicone lubrication ensures smooth plunger movement
- Plunger backstop that prevents accidental withdrawal of plunger from the barrel
- Large finger grips allow for easy, controlled injections
- Available in Luer Lock, Luer Slip Tip, and Catheter Tip options

1197G19

Mfr. No. 05942-10

Description

pH Buffer Pack: 500mL bottle each of 4.01, 7.00 & 10.00 standards



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Oakton

pH Buffer Solutions

[Email This Page](#) [Print Page](#)

★★★★★

Description

Choose from economical solution bottles or individually sealed pH buffer pouches.

- NIST traceable materials
- Labeled with pH vs. temperature tables for accurate calibration

All Oakton pH buffer solutions are freshness dated, and standardized against NIST-traceable references to ensure quality. ± 0.01 pH at 25°C.

Shelf Life: If unopened, shelf life is 2 years; once opened, use pH 4 and pH 7 within 90 days, pH 10 within 30 days. Store buffers away from direct sunlight

Oakton pH Buffer Solution Bottles are labeled with the name and CAS number for all ingredients (for "Right-to-Know" requirements), and are supplied with an MSDS.

Oakton Pouches are convenient, air-tight pouches with high-precision calibration standards. Ideal for field use-take them to your test site for on-the-spot calibration. Each box contains twenty 20mL pouches.

1190Q00

Mfr. No. 626963

Description Replacement pH Electrode Module



Additional Views



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YSI

ProDSS Handheld Multiparameter Sampling Instrument

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★★★★★

Description

Specifications

Additional Info

The YSI ProDSS (digital sampling system) is a portable water quality multiparameter instrument for the measurement of several critical parameters - dissolved oxygen (optical), turbidity, pH, ORP, conductivity, specific conductance, salinity, TDS, resistivity, TSS, ammonium, ammonia, chloride, nitrate, depth, temperature and GPS coordinates.

Designed for use in applications such as surface water, groundwater, coastal/estuarine, and aquaculture the rugged and reliable ProDSS allows for the measurement of water quality parameters with digital sensors. The ProDSS uses smart, user-replaceable sensor technology that can be connected in any port and automatically recognized by the handheld while retaining the calibration data.

The ProDSS will also work with the YSI ProODO sensor/cable to provide a DO only instrument. It's also capable of using the ProOBOD optical BOD probe for use in the lab for BOD measurements.

An easy-to-read backlit color display, large memory capacity, simple calibration procedures, rechargeable battery and powerful data management program (KorDSS) all help to make your sampling experience more convenient.

The optional GPS and depth along with a wide range of cables and sensors allows for complete customization of the ProDSS. Military spec connectors, IP67 waterproof, rubber over-molded case and 1-meter drop tests ensures durability to provide years of sampling even in the harshest field conditions.

Parameters Available:

- pH
- Oxidation Reduction Potential (ORP)/Redox
- Optical Dissolved Oxygen/BOD
- Turbidity
- Conductivity
- Specific Conductance
- Salinity
- Total Dissolved Solids (TDS)
- Resistivity
- Density
- Total Suspended Solids (TSS)
- Ammonium
- Ammonia
- Chloride
- Nitrate
- Depth
- Temperature

There are multiple features of the ProDSS based on our customer's feedback including:

- Digital smart sensors are automatically recognized by the instrument and store calibration data
- User-replaceable cables and sensors
- KorDSS software (included) and USB on-the-go connector assist with the all-important data management
- Rechargeable lithium-ion battery
- Color display and backlit keypad; menu-driven operation
- Long-life lithium-ion battery; ensures reliability and minimizes waste

- Optional GPS
- Optional depth sensor and up to 100-m cable lengths
- Large memory (>100,000 data sets) with extensive site list capabilities
- Multiple languages: English, Spanish, Portuguese, French, German, Italian, Japanese, Norwegian, and Chinese
- Military spec connectors, waterproof IP67 rating and rubber over-molded case
- 3 year instrument warranty; 2 year cable warranty (sensor warranties vary)

Not only have we answered our customers demands for a handheld instrument that can measure turbidity, the ProDSS can also measure depth (optional) in addition to pH, ORP, optical DO, and conductivity.

There are many options when "building" a ProDSS instrument. You can choose cables up to 100-m with or without a depth sensor and each of the 4 sensor ports can accept any ProDSS smart sensor.

The ProDSS is a true field instrument. The titanium smart sensors can easily be replaced in the field and our durable MS (Military Spec) locking bayonet-style cable connector ensures quick cable connection. A rugged and waterproof (IP-67) rubber over-molded instrument casing provides protection from the demands of field sampling.

Total Algae Sensors

ProDSS Total Algae PC Phycocyanin Freshwater Smart Sensor (Thomas 1159A11)

The ProDSS Total Algae-Phycocyanin (TAL-PC) sensor is a dual-channel fluorescence-based sensor, with a channel for chlorophyll a, found in all algae, and a channel for the accessory pigment phycocyanin that is commonly found in freshwater blue-green algae. It is used for early detection of blue-green algae that can lead to harmful algal blooms.

ProDSS Total Algae PE Phycoerythrin Saltwater Smart Sensor (Thomas 1159A12)

The ProDSS Total Algae-Phycoerythrin (TAL-PE) sensor...and a channel for the accessory pigment phycoerythrin that is commonly found in saltwater blue-green algae. It is used for early detection of blue-green algae that can lead to harmful algal blooms, and the chlorophyll channel is relevant for all types of problematic algae, including red tide and brown tide algae.

When used with the ProDSS system, the TAL sensor is ideal for applications like beach monitoring, vertical or horizontal profiling, and source water monitoring for potentially toxic algae.

Sensors feature welded titanium construction and military-specification connectors that can handle rugged field conditions. All smart sensors have onboard memory and processing, and sensor-rezeroing can be performed on-site as an alternative to in-laboratory calibration.

ProDSS Instrument General Specifications

Barometer	Built-in barometer
Certifications	RoHS, CE, WEEE, FCC, IP-67, 1-meter drop test, UN Part III Section 38.3 test methods for lithium-ion batteries (class 9), Assembled in USA
Connectivity	Built-in micro USB port
Connector	MS (military spec) waterproof with quarter-turn bayonet lock (unsurpassed in regards to durability)
Data Management	KorDSS desktop PC software (included)
Data Memory	>100,000 data sets; 400 GLP files
Dimensions	8.3 cm width x 21.6 cm length x 5.6 cm depth (3.25 in x 8.5 in x 2.21 in)
Display	Color, LCD graphic display; backlit keypad
Cables	With or without depth sensors in lengths of 1, 4, 10, 20, 30, 40, 50, 60, 70, 80, 90 and 100-meters; 10, 20 and 30-meter cables include a cable management kit; all cables 10-meters and longer include a 1 lb weight
Flow Cell	Yes; flow cell is available
GLP Compliance	Yes; detailed GLP information is stored and is available to view, download or print
Languages	English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese (Simplified & Traditional)

Logging Modes	Single point or Continuous
Operating Temperature	0 to 50°C (32 to 122°F)
Power	Rechargeable lithium-ion battery pack providing ~48 hours of battery life (instrument only with backlight off)
Storage Temperature	0 to 45°C (32 to 113°F) with battery installed
	0 to 60°C (32 to 140°F) without battery installed
Sites and Data ID	100 user-defined sites and 100 user-defined data ID tags
Warranty	3-year instrument; 2-year bulkhead, cable assembly, and sensors; 1-year pH and pH/ORP sensor modules, ODO (opticalDO) sensor caps, and Li-Ion battery pack; 6-months ammonium, nitrate, and chloride sensor modules
Waterproof	IP-67 (even with the battery cover off); floats
Meter Weight with Batteries	567 grams (1.25 lbs)
Bulkead Weight with 4 Sensors	680 grams (1.5 lbs) with sensor guard on; 589 grams (1.3 lbs) without sensor guard
GPS	Optional internal GPS; coordinates are stored with measurement data and site lists
Sensor Ports	4 universal sensor ports on each cable; can accept any ProDSS sensor



The HI721-25 are the replacement reagents for the HI721 Iron Checker® HC. These high-quality reagents are manufactured in our state-of-the-art facility and are clearly marked with the lot number and expiration date on each packet for traceability.

- Pre-made reagents for ease of use
- Prepared with high purity chemicals
- Marked with expiration date and lot number for traceability



HI9813-61

pH/EC/TDS/Temperature meter with CAL Check

The HI9813-61 is a portable, water-resistant meter, designed for measuring pH, EC/TDS, and temperature when paired with its respective probe, the HI285-61. The meter is easy to use, with dedicated keys for measurement modes that are clearly displayed on the LCD, and knobs for 1-point calibration of pH and EC. On-screen tutorial messages guide the user through calibration and measurement.

Main Features

- 3-in-1 combination probe with pH, EC/TDS, and temperature sensors
- CAL Check™
- Best for hydroponics, greenhouses, farming, and ground water app



HI1285-6

pH/EC/TDS Multiparameter Probe with CAL Check

Measure pH, conductivity (EC), and TDS (ppm) with the HI1285-6 multiparameter probe. Perfect for measurements in greenhouses, water treatment, and boilers and cooling towers with a polypropylene body, built in temperature sensor, and pre-amplified pH electrode. The HI1285-6 is designed for use with HI9813-6 Portable pH/EC/TDS/Temperature Meter with CAL Check™.

- 3 in 1 probe with pH, conductivity (EC), TDS (ppm), & temperature sensors.
- Pre-amplified for more accurate readings.
- Great for hydroponics, aquariums, pools, & ponds.



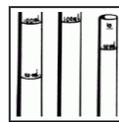
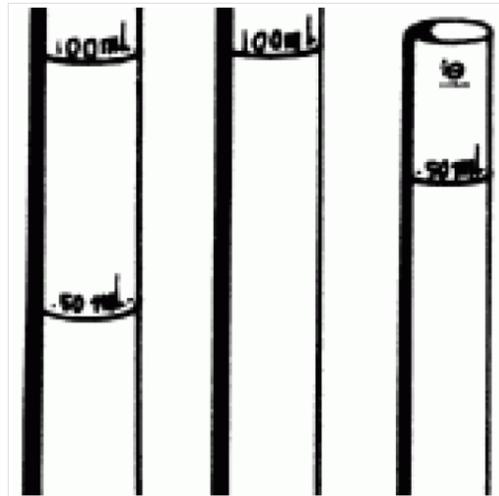
HI1285-6

pH/EC/TDS Multiparameter Probe with CAL Check

Measure pH, conductivity (EC), and TDS (ppm) with the HI1285-6 multiparameter probe. Perfect for measurements in greenhouses, water treatment, and boilers and cooling towers with a polypropylene body, built in temperature sensor, and pre-amplified pH electrode. The HI1285-6 is designed for use with HI9813-6 Portable pH/EC/TDS/Temperature Meter with CAL Check™.

- 3 in 1 probe with pH, conductivity (EC), TDS (ppm), & temperature sensors.
- Pre-amplified for more accurate readings.
- Great for hydroponics, aquariums, pools, & ponds.

LG-10715 Tube, Color Comparison, Low Form, (Unmatched)



Part Number: 5191-5851

AVF 45 platinum, 1 qt



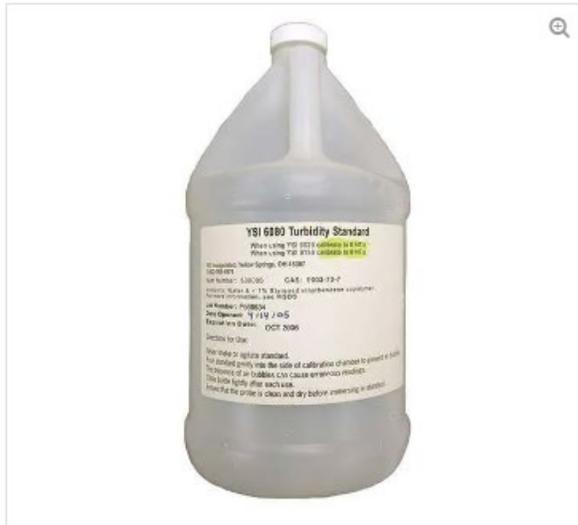
Specifications

Product Type	Oil
UNSPSC Code	41115717

Option: 607200: Turbidity Standard, Calibration value of 12.4 FNU for ProDSS and EXO sensors, calibration

SKU: 607200

Turbidity Standard



Overview

Specifications

We recommend that YSI-certified polymer-based standards are used for best results.

- YSI's polymer-based standards are prepared and labeled so they are traceable to the EPA's primary standard, Formazin
- Polymer standards from other vendors may not be properly adjusted to meet YSI's traceability requirements
- For example: A 20 NTU labeled bottle from company x will actually read 25 NTU using a properly calibrated YSI 6136 turbidity sensor.

Each turbidity standard comes in a 1 gallon (plastic) container.

608000: Calibration value of 0 FNU for all YSI sensors

607200: Calibration value of 12.4 FNU for ProDSS and EXO sensors, calibration value of 12.7 for YSI 6136 sensor

607300: Calibration value of 124 FNU for ProDSS and EXO sensors, calibration value of 126 for YSI 6136 sensor

607400: Calibration value of 1010 FNU for ProDSS and EXO sensors, calibration value of 1000 for YSI 6136 sensor

* YSI turbidity standards are no longer supported for 6026 sensors

Dated Material. Item is heat packed in the winter months. Shipment must be made via 2-day or next day carrier during that time.



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Service - Misc

Proc Folder: 1249204		Reason for Modification:	
Doc Description: Lab Testing Equipment and Supplies		Addendum #1 issued to extend bid close date until 8/22/2023 @ 1:30 PM ET.	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2023-08-11	2023-08-22 13:30	CRFQ 0313 DEP2400000002	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: 000000117961

Vendor Name : Thomas Scientific, LLC

Address : 1654
Street : High Hill Road
City : Swedesboro
State : NJ **Country :** USA **Zip :** 08085

Principal Contact : Lewis McMillan

Vendor Contact Phone: 484-280-8133 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X  **FEIN#** 61-1853692 **DATE** 8/21/2023

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish an open-ended contract for lab testing and supplies per the attached specifications and terms and conditions.

INVOICE TO**SHIP TO**

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City WV
US

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Laboratory and scientific equipment and supplies	1.00000	EA		\$166,831.85

Comm Code	Manufacturer	Specification	Model #
41120000			

Extended Description:

Vendors must provide a Unit Price for the items on the Attachment Exhibit A Pricing Page meeting the minimum requirement of each description. Please note that any reference to brand is for quality purposes only and the words or equal are implied.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
-------------	--------------	-------------------

SOLICITATION NUMBER:
Addendum Number:

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Thomas Scientific, LLC

Company



Authorized Signature

8/21/2023

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Revised 6/8/2012



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Service - Misc

Proc Folder: 1249204			Reason for Modification:
Doc Description: Lab Testing Equipment and Supplies			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2023-07-28	2023-08-14 13:30	CRFQ 0313 DEP2400000002	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: 000000117961
Vendor Name : Thomas Scientific, LLC
Address : 1654
Street : High Hill Road
City : Swedesboro
State : New Jersey **Country :** USA **Zip :** 08085
Principal Contact : Lewis McMillan
Vendor Contact Phone: 484-280-8133 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X

FEIN# 61-1853692

DATE 8/10/2023

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish an open-ended contract for lab testing and supplies per the attached specifications and terms and conditions.

INVOICE TO**SHIP TO**

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City WV
US

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Laboratory and scientific equipment and supplies	1.00000	EA		\$166,831.85

Comm Code	Manufacturer	Specification	Model #
41120000			

Extended Description:

Vendors must provide a Unit Price for the items on the Attachment Exhibit A Pricing Page meeting the minimum requirement of each description. Please note that any reference to brand is for quality purposes only and the words or equal are implied.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
-------------	--------------	-------------------

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted emails should have the solicitation number in the subject line.

Question Submission Deadline:

Submit Questions to:
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email:

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via email. Bids submitted in paper or facsimile form must contain a signature. Bids submitted in wvOASIS are deemed to be electronically signed.

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

For Request for Proposal ("RFP") Responses Only: Submission of a response to a Request for Proposal is not permitted in wvOASIS. In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus _____ convenience copies of each to the Purchasing Division at the address shown below. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Fax: 304-558-3970

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:

SOLICITATION NO.:

BID OPENING DATE:

BID OPENING TIME:

FAX NUMBER:

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time:

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

[] This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women- owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in *wvOASIS* can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

23. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor WV OASIS or the Purchasing Division's website to determine when a contract has been awarded.

24. ISRAEL BOYCOTT CERTIFICATION: Vendor's act of submitting a bid in response to this solicitation shall be deemed a certification from bidder to the State that bidder is not currently engaged in, and will not for the duration of the contract, engage in a boycott of Israel. This certification is required by W. Va. Code § 5A-3-63.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of _____ . The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for _____ years;

the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One-Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

Construction: This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: _____ per occurrence.

Automobile Liability Insurance in at least an amount of: _____ per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

Revised 11/1/2022

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Lewis McMillan, Director of Sales (State & Local Government)

(Address) 1654 High Hill Road, Swedesboro, NJ 08085

(Phone Number) / (Fax Number) (484) 280-8133

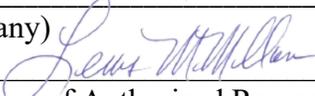
(Email address) quotes@thomassci.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Thomas Scientific, LLC

(Company) _____



(Signature of Authorized Representative) _____

Lewis McMillan, Director of Sales (State & Local Government)

(Printed Name and Title of Authorized Representative) (Date)

Phone 800-345-2100, Cell 484-280-8133, Fax 856-467-3087

(Phone Number) (Fax Number)

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company 

Authorized Signature

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION
Lab Testing Supplies

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish an open-ended contract for lab testing and supplies.

2. **Previous Solicitation** was CRFQ DEP2200000054 that opened on 07/06/2022. Vendors may view previous solicitation responses on the West Virginia Purchasing Division, Bids Received: <http://www.state.wv.us/admin/purchase/Bids/FY2023/BO20220706.html> Our current contracts CMA DEP230000004A, CMA DEP230000004B, CMA DEP230000004C, and CMA DEP230000004D expire on 08/14/2023.

3. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 3.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3.1 below and on the Pricing Pages.

 - 3.2 **“Pricing Pages”** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the Solicitation responses.

 - 3.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

4. **GENERAL REQUIREMENTS:**
 - 4.1 **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.
 - 4.1.1 **Vendors must provide a Unit Price for the items on the pricing page meeting the minimum requirement of each description. Please note that any reference to brand is for quality purposes only and the words or equal are implied:**
 - 4.1.1.1 See Exhibit A Pricing Page. Vendors do not have to bid on all items, only the ones they can provide at a fixed cost per contract term.

REQUEST FOR QUOTATION
Lab Testing Supplies

4.1.1.2 Contract Items must be new and unused.

4.1.1.3 Vendors must be a manufacturer or regular stocking dealer for the products offered.

5. CONTRACT AWARD:

5.1 Contract Award: The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to multiple vendors based on the lowest cost per line item if it's in the best interest of the WV Department of Environmental Protection.

5.2 Pricing Pages: Vendor should complete the Pricing Pages by inserting the Unit Cost per item and multiplying by the estimated quantity to determine the Extended Cost. The Exhibit A pricing page attached to the solicitation will sum the Extended Cost automatically. Vendors should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address: joseph.e.hageriii@wv.gov

5.3 Escalation Clause: In the event of a significant price increase of material or rental equipment planned for use on a public improvement project, that occurs during the time between the bid submission and contract award, and that is not the fault of the vendor, the contract sum, or contract requirements, may be equitably adjusted by change order in accordance with the procedures specified in the relevant procurement law or contract documents. A change in price is considered significant if the price of the material or rental equipment increases by 20% or more between the date of bid submission and the date of contract award. The total amount of all change orders issued to account for price increases under this Escalation Clause may not exceed 10% of the total contract price. Any request for a price increase under this clause may be supported by price quotes included

REQUEST FOR QUOTATION
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with the Vendor's bid for the materials or rental equipment for which a change is being sought; invoices showing amounts actually paid for the materials or rental equipment; and any other evidence that supports the increase request. The quotes included in the bid must be the quotes that the vendor relied on when submitting its bid, and both the quote and the amount ultimately paid must have resulted from an arm's length transaction with an unrelated party. The vendor must also show that a significant price increase would have been incurred if the owner had purchased the material or rental equipment directly from the supplier.

6. ORDERING AND PAYMENT:

- 6.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- 6.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

7. DELIVERY AND RETURN:

- 7.1 Delivery Time:** Vendor shall deliver standard orders within five (5) working days after orders are received. Vendor shall deliver emergency orders within one (1) working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.
- 7.2 Late Delivery:** **The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason.** Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

- 7.3 Delivery Payment/Risk of Loss:** Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency

REQUEST FOR QUOTATION
Lab Testing Supplies

separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

7.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

7.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

8. VENDOR DEFAULT:

8.1 The following shall be considered a vendor default under this Contract.

8.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

8.1.2 Failure to comply with other specifications and requirements contained herein.

8.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

8.1.4 Failure to remedy deficient performance upon request.

REQUEST FOR QUOTATION
Lab Testing Supplies

8.2 The following remedies shall be available to Agency upon default.

8.2.1 Immediate cancellation of the Contract.

8.2.2 Immediate cancellation of one or more release orders issued under this Contract.

8.2.3 Any other remedies available in law or equity.

9. MISCELLANEOUS:

9.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

9.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

9.3 Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

9.4 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Lewis McMillan
Telephone Number: 484-280-8133
Fax Number: 856-467-3087
Email Address: Lewis.McMillan@thomassci.com

Item No.	Manufacturer	Manufacturer Product No.	Description	Current Supplier	Current Supplier Catalog Item Number	Unit Measurement	Unit Cost	Estimated Quantity
1			18OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	1122-0016	12/CS	\$ -	5 \$ -
2			GAL LDPE CUBE	QUALITY ENVIRONMENTAL CONTAINERS	1211-0178	EA	\$ -	10 \$ -
3			60ML 10AL CLEAR	QUALITY ENVIRONMENTAL CONTAINERS	1112-0001	72/CS	\$ -	5 \$ -
4			32OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	3122-0032	12/CS	\$ -	5 \$ -
5			8OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	3122-0008	24/CS	\$ -	5 \$ -
6			16OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	3122-0032	12/CS	\$ -	5 \$ -
7			QUART LDPE CUBE	QUALITY ENVIRONMENTAL CONTAINERS	5211-0032	EA	\$ -	10 \$ -
8			8 OZ HDPE	QUALITY ENVIRONMENTAL CONTAINERS	2212-008	EA	\$ -	10 \$ -
9			BOTTLE PE 16OZ 28X10	PREISER SCIENTIFIC	CCC-206162H	EA	\$ -	10 \$ -
10			BOTTLE PE 1GAL 110MM 60CS	PREISER SCIENTIFIC	90-2599-71	60/CS	\$ -	5 \$ -
11			BOTTLE SQ 250ML STERILE 48CS	PREISER SCIENTIFIC	10-5031-27	48/CS	\$ -	5 \$ -
12			BOTTLE SQ PETG 125ML 48CS	PREISER SCIENTIFIC	10-3005-22	48/CS	\$ -	5 \$ -
13			BOTTLE SQ PETG 60ML STERILE 96CS	PREISER SCIENTIFIC	10-3005-17	96/CS	\$ -	5 \$ -
14			NATURAL HDPE OBLONG BOTTLES	Lab Force (a Thomas Scientific Brand)	11710452	12/CS	\$ -	10 \$ -
15			CONDUCTIVITY STD. 1GAL 500 MICROMHO/CM	PREISER SCIENTIFIC	RIA-2241-1	EA	\$ -	10 \$ -
16			ETHYL ALCOHOL REAG DENAT. 5 GL 3 UN1987 PGII	PREISER SCIENTIFIC	PI0-4301-55	EA	\$ -	10 \$ -
17			FORMALDEHYDE 37% 20LT SOL. 8 UN1198 PGII	PREISER SCIENTIFIC	PIE-14650-5	EA	\$ -	10 \$ -
18			PH 10.0 BUFFER 20LT BLUE NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-20	1/PK	\$ -	10 \$ -
19			PH10 BUFFER 20LT RED NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-14	1/PK	\$ -	10 \$ -
20			PH7.0 BUFFER 20LT YELLOW NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-17	1/PK	\$ -	12 \$ -
21			GLASS AMPOULE 5ML NITRIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M11	EA	\$ -	10 \$ -
22			GLASS AMPOULE 2ML SULFURIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M14	EA	\$ -	10 \$ -
23			GLASS AMPOULE 5ML 1:1 HYDROCHLORIC ACID	THOMAS SCIENTIFIC	1195M10	EA	\$ -	10 \$ -
24			DPD CHLORINE - BROMINE - pH TEST KIT	LAMOTTE	6896-07	EA	\$ -	10 \$ -
25			CAP PE 110M	PREISER SCIENTIFIC	DEC-0210-400W	EA	\$ -	10 \$ -
26			CLEANSER 1QUINOX 1 GAL NON-REGULATED	PREISER SCIENTIFIC	11-4756-02	EA	\$ -	10 \$ -
27			FILTER 45X50MM W/8ARS FITTINGS 10PK	PREISER SCIENTIFIC	90-7459-02	10/PK	\$ -	350 \$ -
28			PE MELTING POINT PK 10000 80PK	PREISER SCIENTIFIC	91-125-01	1/PK	\$ -	10 \$ -
29			SYRINGE 50CC NB CATHETER TIP 30PK	PREISER SCIENTIFIC	14-4270-88	30/PK	\$ -	5 \$ -
30			SYRINGE 50CC LL 309653 PLS DISP	PREISER SCIENTIFIC	92-1492-63	EA	\$ -	10 \$ -
31			SYRINGE FILTER 45MM X 45MM 100PK	PREISER SCIENTIFIC	90-7459-21	500/PK	\$ -	5 \$ -
32			SYRINGE, POLYPROPYLENE BODY MATERIAL, 50ML CAPACITY, LUER-LOCK CONNECTION	COLE-PARMER	EW-07244-28	25/PK	\$ -	10 \$ -
33			TUBING C-FLEX L/S 25 400PK	PREISER SCIENTIFIC	92-2343-25	400/PK	\$ -	20 \$ -
34			ALCONOX DETERGENT	PREISER SCIENTIFIC	92-2343-25	EA	\$ -	10 \$ -
35			PS113 PE SPOUT, CAP 28MM X 1UN1987 PG II	PREISER SCIENTIFIC	CCC-50428PT1	EA	\$ -	10 \$ -
36			PUMP CAP 28x410	PREISER SCIENTIFIC	CCC-24228W512	EA	\$ -	10 \$ -
37			TUBING T/50CN 1/4X3/8X1/16 EACH+1 FT. 50PK	PREISER SCIENTIFIC	92-2445-14	10/PK	\$ -	5 \$ -
38			Conductivity Meter 60	LAMOTTE	4781-03	EA	\$ -	10 \$ -
39			PH TEMPERATURE METER WITH CAL CHECK	HANNA INSTRUMENTS	H09113-6	EA	\$ -	10 \$ -
40			PH PROBES	HANNA INSTRUMENTS	H11285-6	EA	\$ -	10 \$ -
41			WIDE RANGE PH INDICATOR SOLUTION (Ph Reagent 3) 60ML	LAMOTTE	2218-H	EA	\$ -	10 \$ -
42			DROPPER ASSEMBLY, 0.5 AND 1.0 ML (FOR BOTTLE 23184 1B)	HACH	2318506	6/PK	\$ -	5 \$ -

43	GLASS VIEWING TUBE	HACH	173006	6PK	\$	-	5	\$	-
44	WATER TESTING TINTOMETER GROUP PH BUFFER SET 4.007-20/100/25 DECADESUS	LOVIBOND	721250	EA	\$	-	10	\$	-
45	ELECTRODE STORAGE SOLUTION, 500ML	BOCA CHEMICAL COMPANY	2786-16	EA	\$	-	10	\$	-
46	ALLIUMINUM REAGENT POWDER Pkg Set 10mL UN1328	LOVIBOND	535000	EA	\$	-	10	\$	-
47	MANGANESE REAGENT POWDER Rgt Set 10mL PK100 UN1479	LOVIBOND	535100	EA	\$	-	10	\$	-
48	PORTABLE PH METER WITH GEL PH ELECTRODE	HACH	HO11D53101000	EA	\$	-	10	\$	-
49	Cation PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit	OAKTON	3566078	EA	\$	-	10	\$	-
50	MANGANESE TEST KIT	LAMOTTE	3588-09	EA	\$	-	10	\$	-
51	ALKALINITY TEST KIT	Thermo Chemical Company	3467-01	EA	\$	-	10	\$	-
52	HYDROPHILIC NYLON SYRINGE FILTERS, 0.45 UM, 25 MM DIA, LUER LOCK CONNECTION	COLE-PARMER	EW-02915-14	100BX	\$	-	10	\$	-
53	ELECTRODE CLEANING SOLUTION, 500ML	COLE-PARMER	EW-07944-28	EA	\$	-	10	\$	-
54	VISCOCLONE PF 100, 100 PK/100	WACHERY MAGEL	936277	100PK	\$	-	5	\$	-
55	IRON REAGENT POWDER PELLOW, 10ML PK/100	NOVATECH	530560	100PK	\$	-	5	\$	-
56	PH ELECTRODE AND TEMPERATURE SENSOR (ALL-IN- ONE), SINGLE JUNCTION, EPOXY, POLY GEL-FILLED, SEALED, SILICONOIE, ATOWATER PROOF, EPNL, BNC	NOVATECH	WD-35828-88	EA	\$	-	10	\$	-
57	80ML LUER LOCK STERILE SYRINGES	THE BETTY MILLS COMPANY	MED-YSR160010	EA	\$	-	10	\$	-
58	KIMWIPES 4.4 X 8.4	USA BLUE BOOK	36989	BX	\$	-	10	\$	-
59	NIBEL-DAP SAMPLING BAG, BOX OF 500	THOMAS SCIENTIFIC	1303R-40	EA	\$	-	10	\$	-
60	50 ML ULTIMATE DIGESTION CLIPS, WIGREEN	THOMAS SCIENTIFIC		500PK	\$	-	5	\$	-
61	POLYETHYLENE FACED LINED CAP, 500PK	THOMAS SCIENTIFIC	1177X23	500PK	\$	-	5	\$	-
62	15 ML HIGH CLARITY PP CENTRIFUGE TUBE, CONICAL BOTTOM, STERILE 500/CASE	THOMAS SCIENTIFIC	1148201	500CS	\$	-	5	\$	-
63	FILTERMATE 0.45 UM PVDF WIPTE-PREFILTER, 100PK	THOMAS SCIENTIFIC	1166201	100PK	\$	-	5	\$	-
64	ROOM BICARBONATE, 12 KG	THOMAS SCIENTIFIC	C98728	EA	\$	-	10	\$	-
65	NICKEL SKIMMER CONE FOR ICP-MS	THOMAS SCIENTIFIC	1197030	EA	\$	-	10	\$	-
66	NICKEL SAMPLING CONE FOR XLENS ICP-MS	THOMAS SCIENTIFIC	1189202	EA	\$	-	10	\$	-
67	MICROMIST NEBULIZER GLASS	THOMAS SCIENTIFIC	1197031	EA	\$	-	10	\$	-
68	VACUUM FLUID PLATINUM OIL, 1QT	AGILENT TECHNOLOGIES	5191-6861	EA	\$	-	10	\$	-
69	PA TUNING SOLUTION SET, 2 x 100ML	THOMAS SCIENTIFIC	C953066	EA	\$	-	10	\$	-
70	AGILENT PERIPUMP TUBE SAMPLE INTRODUCTION	THOMAS SCIENTIFIC	2715M87	EA	\$	-	10	\$	-
71	CLEANWIPES, 700, ISO ALCOHOL, 100/CAN	THOMAS SCIENTIFIC	2903178	EA	\$	-	10	\$	-
72	30 ML, 1000 PPM BERYLLIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGBE1-30ml	EA	\$	-	10	\$	-
73	30 ML, 1000 PPM CADMIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGCD1-30ml	EA	\$	-	10	\$	-
74	30 ML, 1000 PPM CHROMIUM +6, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGAS1-30ml	EA	\$	-	10	\$	-
75	30 ML, 1000 PPM MANGANESE, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGCR1-30ml	EA	\$	-	10	\$	-
76	30 ML, 1000 PPM LEAD, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGMN1-30ml	EA	\$	-	10	\$	-
77	30 ML, 1000 PPM NICKEL, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGPR1-30ml	EA	\$	-	10	\$	-
78	30 ML, 1000 PPM COPPER, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGO1-30ml	EA	\$	-	10	\$	-
79	30 ML, 1000 PPM YTTRIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGY1-30ml	EA	\$	-	10	\$	-
80	30 ML, 1000 PPM LITHIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGEL1-30ml	EA	\$	-	10	\$	-
81	30 ML, 1000 PPM INDIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGIN1-30ml	EA	\$	-	10	\$	-
82	30 ML, 1000 PPM TERBIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGTB1-30ml	EA	\$	-	10	\$	-
83	30 ML, 1000 PPM BISMUTH, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGBI1-30ml	EA	\$	-	10	\$	-
84	30 ML, 1000 PPM BERYLLIUM, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLBE2-2M	EA	\$	-	10	\$	-
85	30 ML, 1000 PPM CADMIUM, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLCD2-2M	EA	\$	-	10	\$	-
86	30 ML, 1000 PPM ARSENIC, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLAS2-2M	EA	\$	-	10	\$	-
87	30 ML, 1000 PPM CHROMIUM +6, ICP-MS OR ICP GRADE	SPEX CERTIPREP	SPEC-CR6M	EA	\$	-	10	\$	-
88	30 ML, 1000 PPM MANGANESE, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLMN2-2M	EA	\$	-	10	\$	-

88		30 ML, 1000 PPM LEAD, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLP82-2M	EA	\$	-	10	\$	-
89		30 ML, 1000 PPM NICKEL, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLN12-2M	EA	\$	-	10	\$	-
90		ANALYTIQUE 47MM, 100PK	THOMAS SCIENTIFIC	21A00A871	100PK	\$	-	5	\$	-
91		POWDER FREE DISPOSABLE ANTISTATIC GLOVES, 100PK	THOMAS SCIENTIFIC	1177Q37	100PK	\$	-	5	\$	-
92		GLASS DISPOSAL BOX, BENCH MODEL, 6PK	THOMAS SCIENTIFIC	20A0M1841	6PK	\$	-	5	\$	-
93		AGilent TUNING SOLUTION, Li, Mg, Y, Ca, Ti, Co, 2 X 800ML, 1 LIG / L, MATRIX-X-2% Hwo3 5185-5999	THOMAS SCIENTIFIC	2714V09	EA	\$	-	10	\$	-
94		DISPOSABLE WATCH GLASS FOR 50ML DIGESTION CUBES, 1000PK	THOMAS SCIENTIFIC	1190Z01	1000PK	\$	-	5	\$	-
95		STATIC ELIMINATING BRUSHES, 1 INCH REPLACEMENT CARTRIDGE	THOMAS SCIENTIFIC	3620B60	EA	\$	-	10	\$	-
96		STATIC ELIMINATING BRUSHES, 3 INCH REPLACEMENT CARTRIDGE	THOMAS SCIENTIFIC	3620B70	EA	\$	-	10	\$	-
97		ADHESIVE MAT W/30 LAYERS, 18" x 36" 4CS	THOMAS SCIENTIFIC	20A00C986	4CS	\$	-	5	\$	-
98		LIQUID DETERGENT FOR ULTRA SONIC BATH, SAFE FOR STAINLESS STEEL	THOMAS SCIENTIFIC	1211A68	EA	\$	-	10	\$	-
99		KIMWIPES DELICATE TASK WIPERS, 3-ply, White, 11.8" x 11.8" ANTISTATIC, LOW LINT 119 / Box, 15CS	THOMAS SCIENTIFIC	1234Z60	119BX	\$	-	5	\$	-
100		NR PAPER, 100PK	THOMAS SCIENTIFIC	1216S51	100PK	\$	-	5	\$	-
101		UNISEX KNT CUFF LAB COATS SMALL	THOMAS SCIENTIFIC	1184M47	EA	\$	-	10	\$	-
102		UNISEX KNT CUFF LAB COATS MEDIUM	THOMAS SCIENTIFIC	1184M48	EA	\$	-	10	\$	-
103		FORCEPS, NONSERRATED, STAINLESS STEEL	THOMAS SCIENTIFIC	1184Z38	EA	\$	-	10	\$	-
104		FORCEPS, NONSERRATED, P-487PC	THOMAS SCIENTIFIC	0219J69	EA	\$	-	10	\$	-
105		FINNTP1 5mL, 0.5-5mL, GREEN, STERILE, 5x54/RACK, 470PK	THOMAS SCIENTIFIC	773AT36	270PK	\$	-	5	\$	-
106		FINNTP1 10mL, 1-10mL, RED, STERILE, 5x24/RACK, 120PK	THOMAS SCIENTIFIC	773J938	120PK	\$	-	5	\$	-
107		EPPENDORF PIPET HELPER, MFR. NO. 442300010	THOMAS SCIENTIFIC	1189B72	EA	\$	-	10	\$	-
108		epT 1P.S. RELOADS, PCR CLEAN, 50-100µL, 71mm, BLUE, 960CS	THOMAS SCIENTIFIC	773ZC91	960CS	\$	-	5	\$	-
109		epT 1P.S. RELOADS, PCR CLEAN, 200µL, 53mm, YELLOW, 960CS	THOMAS SCIENTIFIC	773ZC95	960CS	\$	-	5	\$	-
110		COLIMED Fibre Encaps Evt FEM18	THOMAS SCIENTIFIC	2213X48	EA	\$	-	10	\$	-
111		DENATURANT ETHYL ALCOHOL - 55 GALLON DRUM	PREISER SCIENTIFIC	PI0-4300-52	EA	\$	-	10	\$	-
112		CARTRIDGE FILTERS (CASE OF 50)	CENTURY PRODUCTS	QDFHC-1	50CS	\$	-	5	\$	-
113		ADAPTER FOR CARTRIDGE FILTER (O-DFHC-1) (CASE OF 80)	CENTURY PRODUCTS	O-DFHC-A	50CS	\$	-	5	\$	-
114		CONDUCTIVITY STD. 1GAL 1.000 MICROMHO/CM (CASE OF 8)		O-DFHC-A	8CS	\$	-	10	\$	-
115		60760 TURBIDITY STANDARD 124 FNU PRODOSS SEXO 126 NTU/6138 1 GALLON	FONDRIST ENVIRONMENTAL	607300	EA	\$	-	4	\$	-
116		187 CONDUCTIVITY STANDARD 1000 US & PINTS	FONDRIST ENVIRONMENTAL	60907	EA	\$	-	4	\$	-
117		PH TEST STRIPS	THOMAS SCIENTIFIC	1205P08	100PK	\$	-	50	\$	-
118		VARIO CHLORINE FREE DPD F10	LOVBOND	530190	100PK	\$	-	50	\$	-
119		TRACING DYE (LIQUID) GREEN YELLOW	USA BLUE BOOK	48563	GAL	\$	-	5	\$	-
120		TRACING DYE (POWDER) GREEN YELLOW	USA BLUE BOOK	48189	4CS	\$	-	5	\$	-
121		TRACING DYE (POWDER) RED	USA BLUE BOOK	48497	4CS	\$	-	5	\$	-
122		TRACING DYE (LIQUID) RED	USA BLUE BOOK	48545	GAL	\$	-	5	\$	-
123		TRACING DYE (LIQUID) BLUE	USA BLUE BOOK	48571	GAL	\$	-	5	\$	-
124		TRACING DYE (POWDER) BLUE	USA BLUE BOOK	48559	EA	\$	-	10	\$	-
125		BECCH DIX	USA BLUE BOOK	41487	EA	\$	-	5	\$	-
126		1000 ML BEAKERS	USA BLUE BOOK	50718	EA	\$	-	20	\$	-
127		HYDRO-CARBON TEST STRIPS	ACCUSTRIIP	480508	EA	\$	-	50	\$	-
128		Labori Masterflex E Lab #73 50'	COLE-PARKER	MK-06509-73	50'PK	\$	-	5	\$	-

129	SensLog PH ORP Electrode	YSI	SKU 109125V	EA	\$	-	2	\$	-
130	Ecolume pH/EC/1000 pH Conductivity & Temperature can	FONDRIEST ENVIRONMENTAL	606180	EA	\$	-	5	\$	-
131	pH/COND/ATC Probe for pH/Con/PC/450 Meter	COLE PARMER	EW_306-51	EA	\$	-	1	\$	-
132	AR-92 COMBINATION WATER KIT	LAMOTTE CHEMICAL COMPANY	4783-03	EA	\$	-	3	\$	-
133	Test Kit IR-18C FE ₂₊ 0-10MG/L	HACH	266700	EA	\$	-	3	\$	-
134	DPD FREE CHLORINE REAGENTS	LOVIBOND	53030	EA	\$	-	3	\$	-
135	SULFATE 4 REAGENT POWDERS	LOVIBOND	530190	EA	\$	-	3	\$	-
136	Nitric Acid 70% Trace Metal, SC, 2.5L	THOMAS SCIENTIFIC	C755095	EA	\$	-	2	\$	-
137	Traceable Watercool Thermometer 4°C	THOMAS SCIENTIFIC	1230330	EA	\$	-	1	\$	-
138	1-Butanol 500mL Photoxyl Reagent	THOMAS SCIENTIFIC	0148L71	EA	\$	-	1	\$	-
139	Algal Toxin Test Kit for Lyngbyella MINI (Box of 25)	HACH	2165700	EA	\$	-	5	\$	-
140	DO Sensor Cap for HOBO Data Logger	ONSET	U26-RDOB-1	EA	\$	-	3	\$	-
141	4 Liter/1 Gallon Nalgene Wide-Mouth HDPE Bottle with Closure	ThermoFisher	2120-0010	6/CS	\$	-	10	\$	-
142	LDQ Sensor Cap for HI Series	OTT/Hydromet	7460	EA	\$	-	4	\$	-
143	pH reference solution	OTT/Hydromet	005308HY	EA	\$	-	4	\$	-
144	Potassium Chloride Tablets for pH reference chamber	OTT/Hydromet	005376HY	EA	\$	-	4	\$	-
145	Non-Interfered pH reference chamber with junction cap	OTT/Hydromet	000548HY	EA	\$	-	4	\$	-
146	Soil pH Reagent M Powder (30 g)	Forestry Supplies	77182	EA/200 TESTS	\$	-	3	\$	-
147	Soil pH Reagent N Solution (1.0L)	Forestry Supplies	77185	EA/200 TESTS	\$	-	3	\$	-
148	1 Gallon Wide Mouth Clear Glass Jugs	PREIER SCIENTIFIC		Doz	\$	-	3	\$	-
149	4 dram clear glass vial with polyethylene cone lined cap.		4447B15CLR	EA	\$	-	5	\$	-
150	2 dram clear glass vial with polyethylene cone lined cap.		4447B09CLR	EA	\$	-	2	\$	-
151	Oxygen Sensor	R.S. Hughes	C03-0942-000	EA	\$	-	1	\$	-
152	Carbon Monoxide/Hydrogen Sulfide Sensor	R.S. Hughes	C03-0913-000	EA	\$	-	1	\$	-
153	PID Sensor	R.S. Hughes	C03-0912-003	EA	\$	-	1	\$	-
154	LEL Sensor	R.S. Hughes	C03-0911-000	EA	\$	-	1	\$	-
155	Carbon Monoxide Sensor	R.S. Hughes	C03-0903-000	EA	\$	-	1	\$	-
156	Hydrogen Sulfide Sensor	R.S. Hughes	C03-0907-001	EA	\$	-	1	\$	-
157	HYDROCARBON TEST STRIPS	ACCUSTRIP	480508	EA	\$	-	50	\$	-
158	Glass AMPHOLE 25mL Hydrochloric Acid	THOMAS SCIENTIFIC	1199M70	EA	\$	-	10	\$	-
159	Clotrimazole 300 Powder Colometric	USA BLUE BOOK	87880	EA	\$	-	1	\$	-
160	Conductivity Standard 1413 micromhos/cm	PREISER SCIENTIFIC		GAL	\$	-	1	\$	-
161	Lock-N-Read Water/Coliform Sampling Vial	QUALITY ENVIRONMENTAL CONTAINERS	01207-83P	EA	\$	-	50	\$	-
162	Tablet Additive	HACH	00548HY	EA	\$	-	5	\$	-
163	pH Reference Electrode Saturated KCl and AcCl	HACH	005308HY	EA	\$	-	1	\$	-
164	KCl Salt Pallets 99%	HACH	00576HY	EA	\$	-	1	\$	-
165	Hach LDQ Sensor	HACH	No. 007455	EA	\$	-	1	\$	-
166	Conductivity Sensor with pH Return	HACH	No. 004468	EA	\$	-	1	\$	-
167	pH Sensor	HACH	No. 004461	EA	\$	-	1	\$	-
168	pH Standard Reference Sensor	HACH	No. 004463	EA	\$	-	1	\$	-
169	Hach LDQ Sensor Cap	HACH		EA	\$	-	1	\$	-
170	Distilled Water 1 Gallon Jug - Distilled water definition is water that has been freed of dissolved or suspended solids and from emulsions by distillation (as for medical or chemical purposes)	Preiser Scientific		Gal	\$	-	10	\$	-
171	INSTA-TEST PRO SODIUM CHLORIDE (SALT) TEST STRIPS	LAMOTTE	2998-H-12	EA	\$	-	24	\$	-
172	Traceable Watercool Thermometer 4°C	THOMAS SCIENTIFIC	1230330	EA	\$	-	1	\$	-
173	1-Butanol 500mL Photoxyl Reagent	THOMAS SCIENTIFIC	0148L71	EA	\$	-	1	\$	-
174	1-Butanol 500 mL Photoxyl Reagent	JT Baker	9189-01	EA	\$	-	1	\$	-
175	Gasco Calibration Gas: Air/Isobutylene, 58L Cylinder Capacity, ISO 9914 Isochrone/Reference 4%	Grainger	491929	EA	\$	-	4	\$	-
176	Gasco Calibration Gas: Carbon Monoxide/Hydrogen Sulfide/Methane/Nitrogen/Oxygen, NIST, Nitrogen	Grainger	29YC06	EA	\$	-	4	\$	-

177		Sterileware Plastic Sampling Scoop, Individually wrapped 250ml	Thomas Scientific	1222x35	BX(10 pack)	\$	-	3	\$	-
178		Scienceware Vial Rack (30mm diameter)	Thomas Scientific	9720D10	EA	\$	-	8	\$	-
179		Precision Test Kit - Range is 3.0-10.5	Lamotte	5858-01	EA	\$	-	50	\$	-
180		Iron Test Kit	Lamotte	3347-01	EA	\$	-	50	\$	-
181		Cellulose Acetate Syringe Filter 25mm x .45 micrometer	Preiser Scientific	90-7459-21	100/pack	\$	-	15	\$	-
182		BD Luer-Lok to BNC Syringe	Preiser Scientific	90-1490-53	EA	\$	-	5	\$	-
183		pH Temp Electrode, Single Junction, All in One Electrode	Cole Parmer	91-2611-31	EA	\$	-	12	\$	-
184		Oakton pH 150 Handheld Meter with Single Junction All in One Electrode	Preiser Scientific	91-2603-01	EA	\$	-	1	\$	-
185		Iron Colorimeter - Checker HC	HANNA INSTRUMENTS	H1721	EA	\$	-	1	\$	-
186		Iron Colorimeter - Checker HC Reagents	Hanna Instruments	H1721-25	25/PK	\$	-	25	\$	-
187		Aln Tite Luer-Lock Syringes, 60 mL, 25/PK, Sterile, M/L60	Preiser Scientific	14-4290-62	25/PK	\$	-	50	\$	-
188		Oakton Buffer Pack 500ML, Bottles Red, Blue, Yellow	Cole Parmer	UX-05942-10	PK	\$	-	5	\$	-
189		Powder Free Disposable Antiseptic Gloves, small 100/pk	Thomas Scientific	1177Q36	100/PK	\$	-	5	\$	-
190		Powder Free Disposable Antiseptic Gloves, Medium 100/pk	Thomas Scientific	NT1102	100/PK	\$	-	5	\$	-
191		Powder Free Disposable Antiseptic Gloves, Large 100/pk	Thomas Scientific	NT1103	100/PK	\$	-	5	\$	-
192		Powder Free Disposable Antiseptic Gloves, XL 100/pk	Thomas Scientific	1177Q39	100/PK	\$	-	5	\$	-
193		Replacement ProDSS pH Module	Fondriest Environmental	626963	EA	\$	-	5	\$	-
194		Replacement ProDSS CHD Sensor Cap	Fondriest Environmental	626990	EA	\$	-	5	\$	-
195		DPD Chlorine Standard - Low Range	HACH	2893300	EA	\$	-	6	\$	-
196		DPD Chlorine Standard - High Range	HACH	2893300	EA	\$	-	6	\$	-
197		DPD Total Chlorine Reagent Powder Pillow, 25ml, sk/100	HACH	1406499	100/PK	\$	-	25	\$	-
								TOTAL BID AMOUNT	\$	-

* Estimated quantities are for bidding purposes only. More or less may be utilized by the Agency.

Vendor Information:

Vendor Name:	
Phone Number:	
Contract Manager Name:	
Phone:	
Email:	

Item No.	Manufacturer	Manufacturer Product No.	Description	Current Supplier	Current Supplier Catalog Item Number	Unit Measurement	Unit Cost	Estimated Quantity	
1			16OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	1122-0016	12/CS		5	\$ -
2	TY ENVIRONMENTAL CONTA	1211-0128	GAL LDPE CUBE	QUALITY ENVIRONMENTAL CONTAINERS	1211-0128	EA	\$ 3.36	10	\$ 33.60
3	TY ENVIRONMENTAL CONTA	3112-40ml	40ML VIAL CLEAR	QUALITY ENVIRONMENTAL CONTAINERS	3112-40ML	72/CS	\$ 65.87	5	\$ 329.35
4			32OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	3122-0032	12/CS		5	\$ -
5			8OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	3122-0008	24/CS		5	\$ -
6			32 OZ PACKER	QUALITY ENVIRONMENTAL CONTAINERS	2122-0032	12/CS		5	\$ -
7			QUART LDPE CUBE	QUALITY ENVIRONMENTAL CONTAINERS	5211-0032	EA		10	\$ -
8			8 OZ HDPE	QUALITY ENVIRONMENTAL CONTAINERS	2212-008	EA		10	\$ -
9	PAK, DIV OF BERLIN PACKAC	PLA-03260	BOTTLE PE 16OZ 28/410	PREISER SCIENTIFIC	CCC-20616NH	EA	\$ 0.44	10	\$ 4.40
10	Berlin Packaging	290672	BOTTLE PE 1GAL 110MM 60/CS	PREISER SCIENTIFIC	90-2599-71	60/CS	\$ 130.17	5	\$ 650.85
11	WALGE NUNC INTERNATIONAL	2019-0250	BOTTLE SQ 250ML STERILE 48/CS	PREISER SCIENTIFIC	10-4031-27	48/CS	\$ 282.63	5	\$ 1,413.15
12	WALGE NUNC INTERNATIONAL	2019-0125	BOTTLE SQ PETG 125ML 48/CS	PREISER SCIENTIFIC	10-3925-22	48/CS	\$ 226.79	5	\$ 1,133.95
13	WALGE NUNC INTERNATIONAL	2019-0060	BOTTLE, SQ PETG 60ML STERILE 96/CS	PREISER SCIENTIFIC	10-3925-17	96/CS	\$ 323.87	5	\$ 1,619.35
14	Thomas Scientific Brand	1171H52	NATURAL HDPE OBLONG BOTTLES	Lab Force (a Thomas Scientific Brand)	1171H52	12/CS	\$ 13.28	10	\$ 132.80
15	Ricca	2238-1	CONDUCTIVITY STD. 1GAL 500 MICROMHOS/CM	PREISER SCIENTIFIC	RIA-2241-1	EA	\$ 68.38	10	\$ 683.80
16	Reagents Holdings LLC	C2120500-20E6	ETHYL ALCOHOL REAG DENAT. 5 GL 3,UN1987,PGII	PREISER SCIENTIFIC	PID-4301-55	EA	\$ 264.24	10	\$ 2,642.40
17			FORMALDEHYDE 37% 20LT SOL 8,UN1198,PGIII	PREISER SCIENTIFIC	PIF-14650-5	EA		10	\$ -
18	Thomas Scientific Brand	C748A92	PH 10.0 BUFFER 20LT BLUE NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-20	1/PK	\$ 71.70	10	\$ 717.00
19	Thomas Scientific Brand	C748A82	PH4.0 BUFFER 20LT RED NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-14	1/PK	\$ 71.70	10	\$ 717.00
20	Thomas Scientific Brand	C748A87	PH7.0 BUFFER 20LT YELLOW NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-17	1/PK	\$ 73.84	12	\$ 886.08
21	E PICHER SCIENTIFIC PROD	ACN-.5	GLASS AMPOULE, 5ML NITRIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M11	EA	\$ 65.90	10	\$ 659.00
22	E PICHER SCIENTIFIC PROD	ACS-2	GLASS AMPOULE, 2ML, SULFURIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M14	EA	\$ 67.74	10	\$ 677.40
23	E PICHER SCIENTIFIC PROD	ACH-5-1	GLASS AMPOULE, 5ML, 1:1 HYDROCHLORIC ACID	THOMAS SCIENTIFIC	1195M10	EA	\$ 73.29	10	\$ 732.90
24	AMOTTE CHEMICAL COMPAN	6896-01	DPD CHLORINE - BROMINE - pH TEST KIT	LAMOTTE	6896-01	EA	\$ 191.16	10	\$ 1,911.60
25			CAP PE 110M	PREISER SCIENTIFIC	QEC-OP110-400W	EA		10	\$ -
26	Alconox	1201	CLEANSER ,LIQUINOX 1 GAL NON-REGULATED	PREISER SCIENTIFIC	11-4766-02	EA	\$ 58.14	10	\$ 581.40
27	Advantec MFS	50CP045AS	FILTER .45X50MM W/BARB FITTINGS 10/PK	PREISER SCIENTIFIC	90-7459-02	10/PK	\$ 78.83	350	\$ 27,590.50
28	BEL ART PRODUCTS	F24675-0000	PE MATTING 20X50FT/PK RIBBED,DISP.	PREISER SCIENTIFIC	91-1126-01	1/PK	\$ 44.47	6	\$ 266.82
29	Sol-Millennium Inc	180060CT	SYRINGE 50CC, NS, CATHETER TIP 30/PK	PREISER SCIENTIFIC	14-4270-68	30/PK	\$ 14.14	5	\$ 70.70
30	Sol-Millennium Inc	P180060	SYRINGE 50CC,LL,309653 PLS.DISP.	PREISER SCIENTIFIC	92-1492-53	EA	\$ 0.44	10	\$ 4.40
31	Ahlstrom-Munksjo	760507	SYRINGE FILTER 28 MM X.45UM 100/PK	PREISER SCIENTIFIC	90-7459-21	500/PK	\$ 344.38	5	\$ 1,721.90
32	Thomas Scientific Brand	21A00P713	SYRINGE, POLYPROPYLENE BODY MATERIAL, 50ML CAPACITY, LUER-LOCK CONNECTION	COLE-PARMER	EW-07944-28	25/PK	\$ 41.56	10	\$ 415.60
33			TUBING C-FLEX L/S 25 400/PK	PREISER SCIENTIFIC	92-2343-25	400/PK		20	\$ -
34	Alconox	1104-1	ALCONOX (DETERGENT)			EA	\$ 34.77	10	\$ 347.70
35			PS113 PE SPOUT CAP 28MM 3, UN1987, PG II	PREISER SCIENTIFIC	CCC-50428PT1	EA		10	\$ -
36			PUMP CAP 28/410	PREISER SCIENTIFIC	CCC-24228W512	EA		10	\$ -
37	- GOBAIN PERFORMANCE PL	ACF00017	TUBING, TYGON, 1/4X3/8X1/16 EACH=1 FT. 50/PK	PREISER SCIENTIFIC	92-2345-14	10/PK	\$ 12.60	5	\$ 63.00
38	AMOTTE CHEMICAL COMPAN	4783-03	Combination Water Kit	LAMOTTE	4783-03	EA	\$ 158.07	10	\$ 1,580.70
39	Hanna Instruments	HI9813-6	PH TEMPERATURE METER WITH CAL CHECK	HANNA INSTRUMENTS	HI9813-6	EA	\$ 348.37	10	\$ 3,483.70
40	Hanna Instruments	HI1285-6	PH PROBES	HANNA INSTRUMENTS	HI1285-6	EA	\$ 166.74	10	\$ 1,667.40
41	AMOTTE CHEMICAL COMPAN	2218-H	WIDE RANGE PH INDICATOR SOLUTION (Ph Reagent 3) 60mL	LAMOTTE	2218-H	EA	\$ 7.88	10	\$ 78.80
42			DROPPER ASSEMBLY, 0.5 AND 1.0 ML (FOR BOTTLE 23184-16)	HACH	2318506	6/PK	\$ 52.56	5	\$ 262.80
43	TDG SP Wilmad	LG-10715-100	GLASS VIEWING TUBE	HACH	173006	6/PK	\$ 147.30	5	\$ 736.50
44	Tintometer Inc	721250	WATER TESTING TINTOMETER GROUP PH BUFFER SET 4.00/7.00/10.00 (25 DEG CELSIUS)	LOVIBOND	721250	EA	\$ 29.40	10	\$ 294.00
45	RICCA CHEMICALS	2795-16	ELECTRODE STORAGE SOLUTION, 500ML	RICCA CHEMICAL COMPANY	2795-16	EA	\$ 22.89	10	\$ 228.90
46	Tintometer Inc	535000	ALUMINUM REAGENT POWDER Pk Rgt Set 10mL UN1328	LOVIBOND	535000	EA	\$ 154.16	10	\$ 1,541.60
47	Tintometer Inc	535100	MANGANESE REAGENT POWDER Rgt Set 10mL Pk100 UN1479	LOVIBOND	535100	EA	\$ 0.68	10	\$ 6.80
48	Thermo Orion	STARA2215	PORTABLE PH METER WITH GEL PH ELECTRODE	HACH	HQ11D53101000	EA	\$ 1,125.62	10	\$ 11,256.20

49	PARMER - OAKTON INSTRUM	3566078	Oakton PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit	OAKTON	3566078	EA	\$ 1,629.55	10	\$ 16,295.50
50	AMOTTE CHEMICAL COMPAN	3588-02	MANGANESE TEST KIT	LAMOTTE	3588-02	EA	\$ 89.67	10	\$ 896.70
51	AMOTTE CHEMICAL COMPAN	3467-01	ALKALINITY TEST KIT	Lamotte Chemical Company	3467-01	EA	\$ 65.07	10	\$ 650.70
52	Thomas Scientific Brand	1220K87	HYDROPHILIC NYLON SYRINGE FILTERS, 0.45 UM, 25 MM DIA., LUER-LOCK CONNECTION,	COLE-PARMER	EW-02915-14	100/BX	\$ 107.30	10	\$ 1,073.00
53	Oakland	00653-04	ELECTRODE CLEANING SOLUTION, 500ML	COLE-PARMER	EW-07944-28	EA	\$ 17.51	10	\$ 175.10
54	MACHEREY-NAGEL	936227	VISOCOLOR PP Iron - 100 Pillows	MACHERY-NAGEL	936227	100/PK	\$ 30.85	5	\$ 154.25
55	Tintometer Inc	530560	IRON REAGENT POWDER PILLOW, 10ML, PK/100	NOVATECH	530560	100/PK	\$ 24.49	5	\$ 122.45
56			PH ELECTRODE AND TEMPERATURE SENSOR (ALL-IN-ONE), SINGLE JUNCTION, EPOXY, POLY GEL-FILLED, SEALED, SIMI-DOME, ATC(WATER PROOF 6-PIN), BNC	NOVATECH	WD-35808-88	EA		10	\$ -
57	Sol-Millennium Inc	P180060	60ML LUER LOCK STERILE SYRINGES	THE BETTY MILLS COMPANY	MED SYR160010	EA	\$ 0.47	10	\$ 4.70
58	MBERLY CLARK CORPORATI	34155	KIMWIPES 4.4 X 8.4	USA BLUE BOOK	36989	BX	\$ 2.86	10	\$ 28.60
59	Nasco Sampling LLC	B00736WA	WHIRL-PAK SAMPLING BAG, BOX OF 500	THOMAS SCIENTIFIC	1303R40	EA	\$ 0.17	10	\$ 1.70
60	ENVIRONMENTAL EXPRESS	UC475-GN	50 ML ULTIMATE DIGESTION CUPS, W/GREEN POLYETHYLENE-FACED LINED CAP, 500/PK	THOMAS SCIENTIFIC	1177X23	500/PK	\$ 146.33	5	\$ 731.65
61	Thomas Scientific Brand	1149Z01	15 mL HIGH CLARITY PP CENTRIFUGE TUBE, CONICAL BOTTOM, STERILE 500/CASE	THOMAS SCIENTIFIC	1149Z01	500/CS	\$ 112.39	5	\$ 561.95
62	ENVIRONMENTAL EXPRESS	SC0407	FILTERMATE, 0.45 UM PVDF W/PTFE-PREFILTER, 100/PK	THOMAS SCIENTIFIC	1190Z03	100/PK	\$ 145.72	5	\$ 728.60
63	GMA-ALDRICH CORPORATIO	S6014-12KG	SODIUM BICARBONATE, 12 KG	THOMAS SCIENTIFIC	C987J93	EA	\$ 112.83	10	\$ 1,128.30
64	Agilent Technologies, Inc	G3280-67041	NICKEL SKIMMER CONE FOR ICP-MS	THOMAS SCIENTIFIC	1197G30	EA	\$ 491.84	10	\$ 4,918.40
65	Agilent Technologies, Inc	G3280-67040	NICKEL SAMPLING CONE FOR X-LENS, ICP-MS	THOMAS SCIENTIFIC	1189Q02	EA	\$ 578.50	10	\$ 5,785.00
66	Agilent Technologies, Inc	G3266-65003	MICROMIST NEBULIZER (GLASS)	THOMAS SCIENTIFIC	1197G31	EA	\$ 782.33	10	\$ 7,823.30
67	Agilent	5191-5851	VACUUM FLUID PLATINUM OIL, 1QT	AGILENT TECHNOLOGIES	5191-5851	EA	\$ 80.60	10	\$ 806.00
68			PA TUNING SOLUTION SET, 2 x 100mL	THOMAS SCIENTIFIC	C953Q66	EA		10	\$ -
69	Agilent Technologies, Inc	5005-0020	AGILENT PERIPUMP TUBE SAMPLE INTRODUCTION	THOMAS SCIENTIFIC	2715M87	EA	\$ 99.85	10	\$ 998.50
70	Thomas Scientific Brand	2903J78	CLEAN-WIPES, 70% ISO ALCOHOL, 100/CAN	THOMAS SCIENTIFIC	2903J78	EA	\$ 18.24	10	\$ 182.40
71	INORGANIC VENTURES	CGBE1-30ML	30 ML 1000 PPM BERYLLIUM, ICP-MS or ICP grade	INORGANIC VENTURES	CGBE1-30mL	EA	\$ 19.22	10	\$ 192.20
72	INORGANIC VENTURES	CGCD1-30ML	30 ML 1000 PPM CADMIUM, ICP-MS OR ICP grade	INORGANIC VENTURES	CGCD1-30mL	EA	\$ 19.22	10	\$ 192.20
73	INORGANIC VENTURES	CGAS1-30ML	30 ML 1000 PPM ARSENIC, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGAS1-30mL	EA	\$ 19.22	10	\$ 192.20
74	INORGANIC VENTURES	CGCR(6)1-30ML	30 ML 1000 PPM CHROMIUM +6, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGCR(6)1-30mL	EA	\$ 19.22	10	\$ 192.20
75	INORGANIC VENTURES	CGMN1-30ML	30 ML 1000 PPM MANGANESE, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGMN1-30mL	EA	\$ 19.22	10	\$ 192.20
76	INORGANIC VENTURES	CGPB1-30ML	30 ML 1000 PPM LEAD, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGPB1-30mL	EA	\$ 19.22	10	\$ 192.20
77	INORGANIC VENTURES	CGNI1-30ML	30 ML 1000 PPM NICKEL, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGNI1-30mL	EA	\$ 19.22	10	\$ 192.20
78	INORGANIC VENTURES	CGY1-30ML	30 ML 1000 PPM YTTRIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGY1-30mL	EA	\$ 19.22	10	\$ 192.20
79	INORGANIC VENTURES	CG6LI1-30ML	30 ML 1000 PPM LITHIUM6, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CG6LI1-30mL	EA	\$ 48.78	10	\$ 487.80
80	INORGANIC VENTURES	CGIN1-30ML	30 ML 1000 PPM INDIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGIN1-30mL	EA	\$ 19.22	10	\$ 192.20
81	INORGANIC VENTURES	CGTB1-30ML	30 ML 1000 PPM TERBIUM, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGTB1-30mL	EA	\$ 21.43	10	\$ 214.30
82	INORGANIC VENTURES	CGBI1-30ML	30 ML 1000 PPM BISMUTH, ICP-MS OR ICP GRADE	INORGANIC VENTURES	CGBI1-30mL	EA	\$ 19.22	10	\$ 192.20
83	SPEX CERTIPREP	PLBE2-2M	30 ML 1000 PPM BERYLLIUM, ICP-MS or ICP grade	SPEX CERTIPREP	PLBE2-2M	EA	\$ 42.24	10	\$ 422.40
84	SPEX CERTIPREP	PLCD2-2M	30 ML 1000 PPM CADMIUM, ICP-MS or ICP grade	SPEX CERTIPREP	PLCD2-2M	EA	\$ 29.32	10	\$ 293.20
85	SPEX CERTIPREP	PLAS2-2M	30 ML 1000 PPM ARSENIC, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLAS2-2M	EA	\$ 29.32	10	\$ 293.20
86	SPEX CERTIPREP	SPEC-CR6M	30 ML 1000 PPM CHROMIUM +6, ICP-MS OR ICP GRADE	SPEX CERTIPREP	SPEC-CR6M	EA	\$ 32.77	10	\$ 327.70
87	SPEX CERTIPREP	PLMN2-2M	30 ML 1000 PPM MANGANESE, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLMN2-2M	EA	\$ 29.32	10	\$ 293.20
88	SPEX CERTIPREP	PLPB2-2M	30 ML 1000 PPM LEAD, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLPB2-2M	EA	\$ 29.32	10	\$ 293.20
89	INORGANIC VENTURES	CGNI1-125ML	30 ML 1000 PPM NICKEL, ICP-MS OR ICP GRADE	SPEX CERTIPREP	PLN12-2M	EA	\$ 37.70	10	\$ 377.00
90			ANALYSLIDE 47MM; 100/PK	THOMAS SCIENTIFIC	21A00A871	100/PK		5	\$ -
91	CT International	NIT102	POWDER FREE DISPOSABLE ANTISTATIC GLOVES, 100/PK	THOMAS SCIENTIFIC	1177Q37	100/PK	\$ 9.85	5	\$ 49.25
92	Thomas Scientific Brand	20A00T531	GLASS DISPOSAL BOX, BENCH MODEL, 6/PK	THOMAS SCIENTIFIC	20A00T531	6/PK	\$ 18.98	5	\$ 94.90
93	Agilent Technologies, Inc	5185-5959	AGILENT TUNING SOLUTION: Li, Mg, Y, Ce, Ti, Co; 2 X 500ML, 1 UG / L; MATRIX= 2% Hno3 5185-5959	THOMAS SCIENTIFIC	2714V09	EA	\$ 343.30	10	\$ 3,433.00
94	ENVIRONMENTAL EXPRESS	SC505	DISPOSABLE WATCH GLASS FOR 50ML DIGESTION CUPS, 1000/PK,	THOMAS SCIENTIFIC	1190Z01	1000/PK	\$ 199.55	5	\$ 997.75
95	NRD LLC	1C200R	STATIC ELIMINATING BRUSHES, 1 INCH REPLACEMENT CARTRIDGE	THOMAS SCIENTIFIC	3620B60	EA	\$ 97.61	10	\$ 976.10
96	NRD LLC	3C500R	STATIC ELIMINATING BRUSHES, 3 INCH REPLACEMENT CARTRIDGE	THOMAS SCIENTIFIC	3620B70	EA	\$ 154.83	10	\$ 1,548.30
97	VALUTEK	VT18364P30L-W	ADHESIVE MAT W/30 LAYERS, 18" x 36", 4/CS	THOMAS SCIENTIFIC	20A00C986	4/CS	\$ 1.40	5	\$ 7.00
98	DYNALON CORPORATION	504004-0000	LIQUID DETERGENT FOR ULTRA SONIC BATH, SAFE FOR STAINLESS STEEL	THOMAS SCIENTIFIC	1211A58	EA	\$ 56.48	10	\$ 564.80

99	BERLY CLARK CORPORATI	34743	KIMWIPES DELICATE TASK WIPERS, 3-ply, White, 11.8" x 11.8",ANTISTATIC, LOW LINT 119 / Box, 15/CS	THOMAS SCIENTIFIC	1234Z60	119/BX	\$ 9.13	5	\$ 45.65
100	UNITED SCIENTIFIC SUPPLIES	PHP100	pH PAPER, 100/PK	THOMAS SCIENTIFIC	1216X51	100/PK	\$ 1.68	5	\$ 8.40
101	MEDLINE INDUSTRIES	87026QHWS	UNISEX KNIT CUFF LAB COATS SMALL	THOMAS SCIENTIFIC	1184M47	EA	\$ 16.74	10	\$ 167.40
102	MEDLINE INDUSTRIES	87026QHWM	UNISEX KNIT CUFF LAB COATS MEDIUM	THOMAS SCIENTIFIC	1184M48	EA	\$ 16.83	10	\$ 168.30
103	PerkinElmer Inc.	9908400	FORCEPS, NONSERRATED, STAINLESS STEEL	THOMAS SCIENTIFIC	1162K38	EA	\$ 78.52	10	\$ 785.20
104	BEL ART PRODUCTS	H37922-0000	FORCEPS, NONSERRATED, PLASTIC	THOMAS SCIENTIFIC	0210U69	EA	\$ 37.05	10	\$ 370.50
105	MOLECULAR BIO	9402073	FINNTIP 5mL, 0.5-5mL, GREEN, STERILE, 5x54/RACK, 270/PK	THOMAS SCIENTIFIC	7733T96	270/PK	\$ 109.73	5	\$ 548.65
106	MOLECULAR BIO	9402163	FINNTIP 10mL, 1-10mL, RED, STERILE, 5x24/RACK, 120/PK	THOMAS SCIENTIFIC	7733U98	120/PK	\$ 56.39	5	\$ 281.95
107	EPPENDORF NORTH AMERICA	4423000010	EPPENDORF PIPET HELPER, MFR. NO. 4423000010	THOMAS SCIENTIFIC	1185B72	EA	\$ 84.87	10	\$ 848.70
108	EPPENDORF NORTH AMERICA	22491750	epT.I.P.S. RELOADS, PCR CLEAN, 50-1000µL, 71mm, BLUE, 960/CS	THOMAS SCIENTIFIC	7732C91	960/CS	\$ 88.87	5	\$ 444.35
109	EPPENDORF NORTH AMERICA	22491733	epT.I.P.S. RELOADS, PCR CLEAN, 2-200µL, 53mm, YELLOW, 960/CS	THOMAS SCIENTIFIC	7732C55	960/CS	\$ 81.66	5	\$ 408.30
110	Agilent Technologies, Inc	1535-4970	Oil Mist Filter Element For E2M1E	THOMAS SCIENTIFIC	2713X42	EA	\$ 141.12	10	\$ 1,411.20
111	Simple Solvents	A-3C-USP-200-0	DENATURED ETHYL ALCOHOL - 55 GALLON DRUM	PREISER SCIENTIFIC	PID-4300-52	EA	\$ 406.32	10	\$ 4,063.20
112			CARTRIDGE FILTERS (CASE OF 50)	CENTURY PRODUCTS	O-DFHC-1	50/CS		5	\$ -
113			ADAPTER FOR CATRIDGE FILTER (O-DFHC-1) (CASE OF 50)	CENTURY PRODUCTS	O-DFHC-A	50/CS		5	\$ -
114	Exaxol Chemical Corporation	C10651000-4	CONDUCTIVITY STD. 1GAL 1,000 MICROMHOS/CM (CASE OF 8)			8/CS	\$ 431.52	10	\$ 4,315.20
115	Y SPRINGS INSTRUMENT CO	607300	6073G TURBIDITY STANDARD 124 FNU PRODOSS &EXO 126 NTU 6136 1 GALLON	FONDRIEST ENVIRONMENTAL	607300	EA	\$ 308.23	4	\$ 1,232.92
116	Yellow Springs	607300	3167 CONDUCTIVITY STANDARD,1000 US,8 PINTS	FONDRIEST ENVIRONMENTAL	60907	EA	\$ 359.32	4	\$ 1,437.28
117	MD MILLIPORE CORPORATIO	1.09531.0001	PH TEST STRIPS	THOMAS SCIENTIFIC	1205P08	100/PK	\$ 17.62	50	\$ 881.00
118	Lovibond	530180	VARIO CHLORINE FREE DPD F10	LOVIBOND	530180	100/PK	\$ 19.38	50	\$ 969.00
119			TRACING DYE (LIQUID) GREEN YELLOW	USA BLUE BOOK	48553	GAL		5	\$ -
120			TRACING DYE (POWDER) GREEN YELLOW	USA BLUE BOOK	48189	4/CS		5	\$ -
121			TRACING DYE (POWDER) RED	USA BLUE BOOK	48187	4/CS		5	\$ -
122			TRACING DYE (LIQUID) RED	USA BLUE BOOK	48545	GAL		5	\$ -
123			TRACING DYE (LIQUID) BLUE	USA BLUE BOOK	48571	GAL		5	\$ -
124			TRACING DYE (POWDER) BLUE	USA BLUE BOOK	48559	EA		10	\$ -
125	UNITED SCIENTIFIC SUPPLIES	SCDSK1	SECCHI DISK	USA BLUE BOOK	41487	EA	\$ 19.11	5	\$ 95.55
126	DWK Life Sciences, LLC	14000-1000	1000 ML BEAKERS	USA BLUE BOOK	55718	EA	\$ 10.30	20	\$ 206.00
127			HYDROCARBON TEST STRIPS	ACCUSTRIP	480508	EA		50	\$ -
128			Tubing Masterflex E-Lab #73 50'	COLE-PARMER	MK-06509-73	50"/PK		5	\$ -
129			SensoLyt PtA ORP Electrode	YSI	SKU 109125Y	EA		2	\$ -
130	Y SPRINGS INSTRUMENT CO	606180	Ecosense pH/EC1030 pH, conductivity & temperature pen	FONDRIEST ENVIRONMENTAL	606180	EA	\$ 164.12	5	\$ 820.60
131			pH/Cond/ATC probe for pH/Con (PC) 450 Meter	COLE-PARMER	EW-35630-51	EA		1	\$ -
132	LAMOTTE CHEMICAL COMPAN	4783-03	AR-02 COMBINATION WATER KIT	LAMOTTE CHEMICAL COMPANY	4783-03	EA	\$ 158.07	3	\$ 474.21
133			Test Kit, IR-18C FE2+ 0 - 10MGL	Hach	2667200	EA		3	\$ -
134	Tintometer Inc	530090	DPD FREE CHLORINE REAGENTS	LOVIBOND	530090	100/PK	\$ 19.83	3	\$ 59.49
135	Tintometer Inc	532160	SULFATE 4 REAGENT POWDERS	LOVIBOND	532160	100/PK	\$ 34.06	3	\$ 102.18
136	Reagents Holdings LLC	C5101650-2.5D1	Nitric Acid 70% Trace Metal, SC, 2.5L	THOMAS SCIENTIFIC	C755Q95	EA	\$ 90.76	2	\$ 181.52
137	Thomas Scientific Brand	1235D30	Traceable Waterproof Thermometer ±4° C	THOMAS SCIENTIFIC	1235D30	EA	\$ 58.98	1	\$ 58.98
138	PERFORMANCE MATERIALS	9189-01	1-Butanol 500mL Photrex® Reagent	THOMAS SCIENTIFIC	0148L71	EA	\$ 80.90	1	\$ 80.90
139			Algal Toxin Test Kit for LightDeck MINI (Box of 25	HACH	2165700	25/BX		5	\$ -
140			DO Sensor Cap for HOBO Data Logger	ONSET	U26-RDOB-1	EA		3	\$ -
141	WALGE NUNC INTERNATIONAL	2120-0010	4 Liter/1 Gallon Nalgene Wide-Mouth HDPE Bottle with Closure	ThermoFisher	2120-0010	6/CS	\$ 141.66	10	\$ 1,416.60
142			LDO Sensor Cap for HL Series	OTT/Hydromet	7460	EA		4	\$ -
143			pH reference solution	OTT/Hydromet	005308HY	EA		4	\$ -
144			Potassium Chloride tablets for pH reference chambe	OTT/Hydromet	005376HY	EA		4	\$ -
145			Non-Integrated pH reference chamber teflon junction cap	OTT/Hydromet	000548HY	EA		4	\$ -
146			Soil pH Reagent M Powder (30 g)	Forestry Suppliers	77182	EA/200 TESTS		3	\$ -
147			Soil pH reagent N Solution (1 oz)	Forestry Suppliers	77185	EA/200 TESTS		3	\$ -
148	CHASE SCIENTIFIC I-CHEM	121-4000	1 Gallon Wide Mouth Clear Glass Jars	PREISER SCIENTIFIC		Doz.	\$ 152.22	3	\$ 456.66
149	S. FINNERAN ASSOCIATES, IN	816020-2170	4 dram clear glass vial with polyethylene cone lined cap		4447B15CLR	144/PK	\$ 81.80	5	\$ 409.00
150	S. FINNERAN ASSOCIATES, IN	88020-1760	2 dram clear glass vial with polyethylene cone lined cap		4447B09CLR	144/PK	\$ 56.16	2	\$ 112.32
151			Oxygen Sensor	R.S. Hughes	C03-0942-000	EA		1	\$ -
152			Carbon Monoxide/Hydrogen Sulfide Sensor	R.S. Hughes	C03-0913-000	EA		1	\$ -
153			PID Sensor	R.S. Hughes	C03-0912-003	EA		1	\$ -

154			LEL Sensor	R.S. Hughes	C03-0911-000	EA		1	\$ -
155			Carbon Monoxide Sensor	R.S. Hughes	C03-0903-000	EA		1	\$ -
156			Hydrogen Sulfide Sensor	R.S. Hughes	C03-0907-001	EA		1	\$ -
157			HYDROCARBON TEST STRIPS	ACCUSTRIP	480508	EA		50	\$ -
158	E PICHER SCIENTIFIC PROD	ACH-5-1	Glass AMPOULE, 5ML Hydrochloric Acid	THOMAS SCIENTIFIC	1195M10	EA	\$ 3.05	10	\$ 30.50
159			Chlorine DR300 Pocket Colorimeter	USA BLUE BOOK	87890	EA		1	\$ -
160	Thomas Scientific Brand	1235C99	Conductivity Standard 1413 micromhos/cm	PREISER SCIENTIFIC		GAL	\$ 27.06	1	\$ 27.06
161	Thomas Scientific Brand	1199Z27	Lock-N-Seal Water/Coliform Sampling Via	QUALITY ENVIRONMENTAL CONTAINERS	0120T-83P	EA	\$ 1.20	50	\$ 60.00
162			Teflon Junction	HACH	00548HY	EA		5	\$ -
163			pH Reference Electrode Saturated KCl and AgC	HACH	005308HY	EA		1	\$ -
164			KCl Salt Pellets 99%	HACH	00576HY	EA		1	\$ -
165			Hach LDO Sensor	HACH	No. 007455	EA		1	\$ -
166			Conductivity Sensor with pH Return	HACH	No. 004468	EA		1	\$ -
167			pH Sensor	HACH	No. 004461	EA		1	\$ -
168			pH Standard Reference Sensor	HACH	No. 004463	EA		1	\$ -
169			Hach LDO Sensor Cap	HACH		EA		1	\$ -
170	by Refresh by Nestle a division of	ARROWDIST	Distilled Water 1 Gallon Jug - Distilled water definition is water that has been freed of dissolved or suspended solids and from organisms by distillation (as for medical or chemical purpose)	Preiser Scientific		Gal	1.54	10	\$ 15.40
171	AMOTTE CHEMICAL COMPANY	2998-H-12	INSTA-TEST PRO SODIUM CHLORIDE (SALT) TEST STRIPS	LAMOTTE	2998-H-12	EA	\$ 7.44	24	\$ 178.56
172	Thomas Scientific Brand	1235D30	Traceable Waterproof Thermometer ±4° C	THOMAS SCIENTIFIC	1235D30	EA	\$ 58.98	1	\$ 58.98
173	PERFORMANCE MATERIALS	9189-01	1-Butanol 500mL Photrex® Reagent	THOMAS SCIENTIFIC	0148L71	EA	\$ 80.90	1	\$ 80.90
174	PERFORMANCE MATERIALS	9189-01	1-Butanol 500 mL Photrex Reagent	JT Baker	9189-01	EA	\$ 80.90	1	\$ 80.90
175			Gasco Calibration Gas: Air/Isobutylene, 58L Cylinder Capacity 100 PPM Isobutylene/Balance Air	Grainger	49Y929	EA		4	\$ -
176			Gasco Calibration Gas: Carbon Monoxide/Hydrogen Sulfide/Methane/Nitrogen/Oxygen, NIST, Nitrogen	Grainger	29YC06	EA		4	\$ -
177	BEL ART PRODUCTS	H36906-0010	Sterileware Plastic Sampling Scoop, Individually wrapped 250ml	Thomas Scientific	1222x35	BX(10 pack)	\$ 41.55	3	\$ 124.65
178	BEL ART PRODUCTS	F18512-0000	Scienceware Vial Rack (30mm diameter)	Thomas Scientific	9720D10	EA	\$ 30.62	8	\$ 244.96
179	AMOTTE CHEMICAL COMPANY	5858-01	Precision Test Kit - Range is 3.0-10.5	Lamotte	5858-01	EA	\$ 39.68	50	\$ 1,984.00
180	AMOTTE CHEMICAL COMPANY	3347-01	Iron Test Kit	Lamotte	3347-01	EA	\$ 90.94	50	\$ 4,547.00
181	Ahlstrom-Munksjo	760507	Cellulose Acetate Syringe Filter 28mm x .45 micrometer	Preiser Scientific	90-7459-21	100/pack	\$ 69.00	15	\$ 1,035.00
182	Sol-Millennium Inc	P180060	BD Luer-Lok tip 60cc Syringe	Preiser Scientific	92-1492-53	EA	\$ 0.45	5	\$ 2.25
183	Oakton	35808-71	pH Temp Electrode, Single Junction, All in One Electrode	Cole Parmer	91-2611-31	EA	\$ 106.61	12	\$ 1,279.32
184	PARMER - OAKTON INSTRUMENTS	35614-30	Oakton pH 150 Handheld Meter with Single Junction All in One Electrode	Preiser Scientific	91-2603-01	EA	\$ 542.74	1	\$ 542.74
185	AMOTTE CHEMICAL COMPANY	3248	Iron Colorimeter - Checker HC	HANNA INSTRUMENTS	H1721	EA	\$ 625.95	1	\$ 625.95
186	Hanna Instruments	H1721-25	Iron Colorimeter - Checker HC Reagents	Hanna Instruments	H1721-25	25/PK	\$ 13.68	25	\$ 342.00
187	Sol-Millennium Inc	P180060	Air-Tite Luer-Lock Syringes, 60 mL, 25/PK, Sterile, ML60	Preiser Scientific	14-4290-62	25/PK	\$ 11.15	50	\$ 557.50
188	PARMER - OAKTON INSTRUMENTS	05942-10	Oakton Buffer Pack 500ML Bottles (red, blue, yellow)	Cole-Parmer	UX-05942-10	PK	\$ 27.72	5	\$ 138.60
189	CT International	NIT101	Powder Free Disposable Antistatic Gloves, small 100/pl	Thomas Scientific	1177Q36	100/PK	\$ 9.86	5	\$ 49.30
190	CT International	NIT102	Powder Free Disposable Antistatic Gloves, Medium 100/pl	Thomas Scientific	NIT102	100/PK	\$ 9.86	5	\$ 49.30
191	CT International	NIT103	Powder Free Disposable Antistatic Gloves, Large 100/pl	Thomas Scientific	NIT103	100/PK	\$ 9.86	5	\$ 49.30
192	CT International	NIT104	Powder Free Disposable Antistatic Gloves XL 100/pl	Thomas Scientific	1177Q39	100/PK	\$ 9.86	5	\$ 49.30
193	V SPRINGS INSTRUMENT COMPANY	626963	Replacement ProDSS pH Module	Fondriest Environmental	626963	EA	\$ 180.13	5	\$ 900.65
194	V SPRINGS INSTRUMENT COMPANY	626890	Replacement ProDSS ODO Sensor Cap	Fondriest Environmental	626890	EA	\$ 129.33	5	\$ 646.65
195			DPD Chlorine Standard - Low Range	HACH	2635300	EA	\$ 459.59	6	\$ 2,757.54
196			DPD Chlorine Standard - High Range	HACH	2893300	EA	\$ 462.98	6	\$ 2,777.88
197			DPD Total Chlorine Reagent Powder Pillows, 25mL, pk/100	HACH	1406499	100/PK	\$ 77.14	25	\$ 1,928.50
							TOTAL BID AMOUNT		#####

* Estimated quantities are for bidding purposes only. More or less may be utilized by the Agency.

Vendor Information:

Vendor Name:	Thomas Scientific, LLC
Phone Number:	800-345-2100
Contract Manager Name:	Lewis McMillan
Phone:	484-280-8133

Email:

Lewis.McMillan@thomassci.com; quotes@thomassci.com

Item No.	Description	Current Supplier	Current Supplier Catalog Item Number	Unit Measurement	Unit Cost	Estimated Quantity	Extended Totals	Thomas Sci Part #	Exact / Alternate	Thomas Description	Thomas UOM	Thomas UOM Qty	Thomas Supplier/MFG	Supplier part #	Notes
1	18OZ PACKER	QUALITY ENVIRONMEN	1122-0016	12/CS		5	\$ -								
2	GAL LDPE CUBE	QUALITY ENVIRONMEN	1211-0128	EA	3.36	10	\$ 33.60	21A00P707	Exact	128oz/4000ml LDPE cubitainer, 38-400 foam	CS	36	QUALITY ENVIRONI	1211-0128	Price is per EA/1, Minimum Order Qty CS/36
3	40ML VIAL CLEAR	QUALITY ENVIRONMEN	3112-40ML	72/CS	65.87	5	\$ 329.35	21A00P708	Exact	40ml vial, clear borosilicate glass, 24-414 red	CS	72	QUALITY ENVIRONI	3112-40ml	
4	3OZ PACKER	QUALITY ENVIRONMEN	3122-0032	12/CS		5	\$ -								
5	8OZ PACKER	QUALITY ENVIRONMEN	3122-0008	24/CS		5	\$ -								
6	32 OZ PACKER	QUALITY ENVIRONMEN	2122-0032	12/CS		5	\$ -								
7	QUART LDPE CUBE	QUALITY ENVIRONMEN	5211-0032	EA		10	\$ -								
8	8 OZ HDPE	QUALITY ENVIRONMEN	2122-0008	EA		10	\$ -								
9	BOTTLE PE 16OZ 28410	PREISER SCIENTIFIC	CCC-20616NH	EA	0.44	10	\$ 4.40	23A00F641	Alternate	MODERN ROUND 16OZ HDPE NAT 28-410 13	CS	135	QORPAK, DIV OF BE	PLA-03260	Price is per EA/1, Minimum Order Qty CS/135
10	BOTTLE PE 1GAL 110MM 80CS	PREISER SCIENTIFIC	90-2989-71	80/CS	130.17	5	\$ 650.85	1139B14	Alternate	128oz Nat HDPE WM Round 110-400 Neck FI	CS	60	Berlin Packaging	290672	
11	BOTTLE SQ 250ML STERILE 48/CS	PREISER SCIENTIFIC	10-4031-27	48/CS	282.83	5	\$ 1,413.15	1720N28	Exact	BOTTLE MEDIA SQ PET 250ML CS48	CS	48	NALGE NUNC INTEI	2019-0250	
12	BOTTLE SQ PETG 125ML 48/CS	PREISER SCIENTIFIC	10-3925-22	48/CS	226.79	5	\$ 1,133.95	1720N27	Exact	BOTTLE MEDIA PETG 125ML CS48	CS	48	NALGE NUNC INTEI	2019-0125	
13	BOTTLE SQ PETG 60ML STERILE 96/CS	PREISER SCIENTIFIC	10-3925-17	96/CS	323.87	5	\$ 1,619.35	1720N26	Exact	BOTTLE MEDIA SQUARE 60ML CS96	CS	96	NALGE NUNC INTEI	2019-0060	
14	NATURAL HDPE OBLONG BOTTLES	Lab Force (a Thomas Sc	1171H52	12/CS	13.28	10	\$ 132.80	1171H52	Exact	1L Nat HDPE Oblong Grad Assmbld w/Cap	CS	12	Thomas Scientific B	1171H52	
15	CONDUCTIVITY STD. 1GAL 500 MICROMH/50CM	PREISER SCIENTIFIC	RIA-2241-1	EA	68.38	10	\$ 683.80	Q997A98	Alternate	NaCl Cond Std, 200 µS/cm 4 L	EA	1	Ricca	2238-1	
16	ETHYL ALCOHOL REAG DENAT. 5 GL 3UN1987 PGII	PREISER SCIENTIFIC	PID-4301-65	EA	264.24	10	\$ 2,642.40	C755M82	Alternate	Ethyl Alcohol, Denatured, 95%, 20L UN1987	EA	1	Reagents Holdings	C2120500-20E6	
17	FORMALDEHYDE 37% 20LT SOL 8UN198 PGIII	PREISER SCIENTIFIC	PIF-14650-5	EA		10	\$ -								
18	PH 10.0 BUFFER 20LT BLUE NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-20	1/PK	71.70	10	\$ 717.00	C748A92	Alternate	Buffer Solution, pH 10.00, Blue, 20L	EA	1	Thomas Scientific B	C748A92	Sold as EA/1
19	PH 3 BUFFER 20LT RED NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-14	1/PK	71.70	10	\$ 717.00	C748A82	Alternate	Buffer Solution, pH 4.00, Red, 20L	EA	1	Thomas Scientific B	C748A82	Sold as EA/1
20	PH 7.0 BUFFER 20LT YELLOW NOT REGULATED, POLY PAC	PREISER SCIENTIFIC	21-2097-17	1/PK	73.84	12	\$ 886.08	C748A87	Alternate	Buffer Solution, pH 7.00, Yellow, 20L	EA	1	Thomas Scientific B	C748A87	Sold as EA/1
21	GLASS AMPOULE .5ML NITRIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M11	EA	65.90	10	\$ 659.00	1195M11	Exact	AMPULE W/0.5 ML CONC. HNO3 LV2	CS	24	EAGLE PICHER SCIE	ACN-5	Minimum Order Qty CS/24, Exact match assuming your UOM needs corrected.
22	GLASS AMPOULE, 2ML, SULFURIC ACID, CONCENTRATED	THOMAS SCIENTIFIC	1195M14	EA	67.74	10	\$ 677.40	1195M14	Exact	AMPULE W/2ML CONC. H2SO4 LV2	CS	24	EAGLE PICHER SCIE	ACS-2	Minimum Order Qty CS/24, Exact match assuming your UOM needs corrected.
23	GLASS AMPOULE, .5ML, 1:1 HYDROCHLORIC ACID	THOMAS SCIENTIFIC	1195M10	EA	73.29	10	\$ 732.90	1195M10	Exact	AMPULE W/5ML 1:1 HCL LV2	CS	24	EAGLE PICHER SCIE	ACH-5-1	Minimum Order Qty CS/24, Exact match assuming your UOM needs corrected.
24	DPD CHLORINE - BROMINE - pH TEST KIT	LAMOTTE	6896-01	EA	191.16	10	\$ 1,911.60	870G001	Exact	CHLORINE-BROMINE PH TEST LP-N	EA	1	LAMOTTE CHEMIC	6896-01	
25	CAP PE 110M	PREISER SCIENTIFIC	3EC-OP110-400W	EA		10	\$ -								
26	CLEANSER LIQUINOX 1 GAL NON-REGULATED	PREISER SCIENTIFIC	11-4786-02	EA	58.14	10	\$ 581.40	2902N20	Exact	Liquinox, 1 Gal. Bottle	EA	1	Alconox	1201	
27	FILTER 4X50MM W/BARB FITTINGS 10PK	PREISER SCIENTIFIC	90-7459-02	10/PK	78.83	350	\$ 27,599.50	1181C98	EXACT	LABODISC-50 CA 0.45µm 50MM PP STRL 10PK	PK	10	Advantec MFS	50CP045AS	
28	PE MATTING 20X50FTPK RIBBED,DISP.	PREISER SCIENTIFIC	91-1126-01	1/PK	44.47	8	\$ 288.82	7310W22	EXACT	LABMAT BENCH PAPER 15.2 M RL	RL	1	BEL ART PRODUCTS	F24675-0000	
29	SYRINGE 50CC, NS, CATHETER TIP 30PK	PREISER SCIENTIFIC	14-4270-68	30/PK	14.14	5	\$ 70.70	23A00Q350	Alternate	SOL-M 60ml Catheter Tip Syringe	BX	30	Sol-Millennium Inc	180060CT	
30	SYRINGE 50CC LL 309653 PLS,DISP.	PREISER SCIENTIFIC	92-1492-53	EA	4.40	10	\$ 44.00	21A00A508	Alternate	60ml Luer Lock Syringe	BX	30	Sol-Millennium Inc	P180060	Price is per EA/1, Minimum Order Qty BX/30
31	SYRINGE FILTER 28 MM X.45UM 100PK	PREISER SCIENTIFIC	90-7459-21	500/PK	344.38	5	\$ 1,721.90	1198X55	Alternate	Cellulose Acetate Syringe Filter, 28 mm, 0.45	PK	500	Ahlstrom-Munksjo	760507	
32	SYRINGE, POLYPROPYLENE BODY MATERIAL, 50ML CAPAC	COLE-PARMER	EW-07944-28	25/PK	41.56	10	\$ 415.60	21A00P713	Exact	SYRINGE 50ML LUER-LOK 25PK	PK	25	Thomas Scientific B	21A00P713	
33	TUBING C-FLEX LS 25 400PK	PREISER SCIENTIFIC	92-2343-25	400/PK		20	\$ -								
34	ALCONOX (DETERGENT)			EA	34.77	10	\$ 347.70	1104A	Unknown, no part # prov	Detergent, Alconox, 4lb Container, General P	EA	1	Alconox	1104-1	
35	PS113 PE SPOUT CAP 28MM 3, UN1987, PG II	PREISER SCIENTIFIC	CCC-50428P11	EA		10	\$ -								
36	PUMP CAP 28410	PREISER SCIENTIFIC	CCC-24228W512	EA		10	\$ -								
37	TUBING, TYGON, 1/4X3/8X1/16 EACH=1 FT., 50PK	PREISER SCIENTIFIC	92-2345-14	10/PK	12.80	5	\$ 63.00	1207W15	Exact	Tygon® S3 Non-DEHP 1/4"IDx3/8"ODx50ft	PK	50	SAINT - GOBAIN PE	ACF00017	Price is per pack of 10, Minimum Order Qty PK/50
38	Combination Water Kit	LAMOTTE	4783-03	EA	158.07	10	\$ 1,580.70	0535H64	Exact	AR-02 COMBINATION WATER KIT	EA	1	LAMOTTE CHEMIC	4783-03	
39	PH TEMPERATURE METER WITH CAL CHECK	HANNA INSTRUMENTS	H9813-6	EA	348.37	10	\$ 3,483.70	special-HI9813-61	Exact	pH/EC/TDS/Temperature meter with CAL Che	EA	1	Hanna Instruments	H9813-6	
40	PH PROBES	HANNA INSTRUMENTS	H11285-6	EA	168.74	10	\$ 1,687.40	special-HI1285-6	Exact	pH/EC/TDS electrode for HI9813-6 series with	EA	1	Hanna Instruments	H11285-6	
41	WIDE RANGE PH INDICATOR SOLUTION (Ph Reagent 3) 60ml	LAMOTTE	2218-H	EA	7.88	10	\$ 78.80	0534D43	Exact	WIDE RANGE IND (PH REAGENT 3) 60ML UN3	EA	1	LAMOTTE CHEMIC	2218-H	
42	DROPPER ASSEMBLY, 0.5 AND 1.0 ML (FOR BOTTLE 23184)	HACH	2318506	6PK	52.56	5	\$ 262.80	special-TDG-23184	Exact	Dropper assembly, child resistant, 0.5 & 1.0 l	PK	6	TDG-Hach	2318506	
43	GLASS VIEWING TUBE	HACH	173006	6PK	147.30	5	\$ 736.50	special-TDG-LG-1C	Alternate	LG-10715-100 Color Comparison Tube, Low S	EA	1	TDG SP Wilmad	LG-10715-100	Price is for Qty 6/EA, sold as 1/EA
44	WATER TESTING TINTOMETER GROUP PH BUFFER SET 4	LOVBOND	721250	EA	29.40	10	\$ 294.00	22A00L923	Exact	pH-Buffer solution Set pH 4, pH 7, pH 10 (25°	EA	1	Tintometer Inc	721250	
45	ELECTRODE STORAGE SOLUTION, 500ML	RICCA CHEMICAL COM	2795-16	EA	22.89	10	\$ 228.90	4120R68	Exact	ELECTRODE STORAGE SOLTN 500ML	EA	1	RICCA CHEMICALS	2795-16	
46	ALUMINUM REAGENT POWDER PK Rgt Set 10ml UN1328	LOVBOND	535000	EA	154.16	10	\$ 1,541.60	1226X13	Exact	ALUMINUM PWDR PK RGT SET 10ml UN1328	EA	1	Tintometer Inc	535000	
47	MANGANESE REAGENT POWDER Rgt Set 10ml PK100 UN147	LOVBOND	535100	EA	0.68	10	\$ 6.80	1226X45	Exact	MANGANESE HR PWDR RGT SET 10ml PK100	PK	100	Tintometer Inc	535100	Price is per EA, Minimum Order Qty PK/100
48	PORTABLE PH METER WITH GEL PH ELECTRODE	HACH	HQ11DS310100	EA	1,125.62	10	\$ 11,256.20	1218X37	Alternate	Star A221 pH Portable Meter Kit with ROSS U	EA	1	Thermo Orion	SSTAR4215	
49	Oakton PD360 Waterproof Dual-Channel pH, ORP, and DO Smart	DAKTON	3568078	EA	1,629.55	10	\$ 16,295.50	21A00B959	Exact	Oakton PD360 Kit	EA	1	COLE PARMER - OA	3566078	
50	MANGANESE TEST KIT	LAMOTTE	3588-02	EA	89.67	10	\$ 896.70	9591D41	Exact	MANGANESE TEST KIT LMN 50TESTS	EA	1	LAMOTTE CHEMIC	3588-02	
51	ALKALINITY TEST KIT	Lamotte Chemical Comp	3467-01	EA	65.07	10	\$ 650.70	0535G07	Exact	ALKA.TEST KIT(EPA) MODEL-DR-A UN1219-3-I	EA	1	LAMOTTE CHEMIC	3467-01	
52	HYDROPHILIC NYLON SYRINGE FILTERS, 0.45 UM, 25 MM D.	COLE-PARMER	EW-02915-14	100/BX	107.30	10	\$ 1,073.00	1220K87	Alternate	Nylon Syringe Filters,NS,0.45µm,25mm	PK	100	Thomas Scientific B	1220K87	
53	ELECTRODE CLEANING SOLUTION, 500ML	COLE-PARMER	EW-07944-28	EA	17.51	10	\$ 175.10	1213T46	Alternate	pH/ORP Electrode Storage Solution, 1 pint	EA	1	Oakland	00653-04	
54	VISOCOLOR PP Iron - 100 Pillows	MACHERY-NAGEL	936227	100/PK	90.85	5	\$ 454.25	CHM03Q310	Exact	VISOCOLOR PP Iron - 100 Pillows	PK	100	MACHERY-NAGEL	936227	
55	IRON REAGENT POWDER PILLOW, 10ML, PK100	NOVATECH	530990	100/PK	24.49	5	\$ 122.45	1226X39	Exact	IRON FERRO RGT PWDR PK 10ml PK100	PK	100	Tintometer Inc	530560	
56	PH ELECTRODE AND TEMPERATURE SENSOR (ALL-IN-ONE)	NOVATECH	WD-35808-88	EA		10	\$ -								
57	60ML LUER LOCK STERILE SYRINGES	THE BETTY MILLS COM	MED SYR160010	EA	0.47	10	\$ 4.70	21A00A508	Alternate	60ml Luer Lock Syringe	BX	30	Sol-Millennium Inc	P180060	Price is per EA, Minimum Order Qty BX/30
58	KIMWIPES 4.4 X 8.4	USA BLUE BOOK	38989	BX	2.86	10	\$ 28.60	2904F24	Exact	34155, KIMWIPES SMALL. 286 per box	BX	286	KIMBERLY CLARK C	34155	

185	Iron Colorimeter - Checker HC	HANNA INSTRUMENTS	H1721	EA	\$	625.95	1	\$	625.95	CHM03V850
186	Iron Colorimeter - Checker HC Reagents	Hanna Instruments	H1721-25	25PK	\$	13.68	25	\$	342.00	Special-H1721-25
187	Air-Tite Luer-Lock Syringe, 60 ml, 25/PK, Sterile, Mil	Presser Scientific	14.4290-62	25PK	\$	11.15	50	\$	557.50	21A00A508
188	Orakton Buffer Pack 500ML Bottles (red, blue, yellow)	Cole-Parmer	UX-05942-10	PK	\$	27.72	5	\$	138.60	1197G19
189	Powder Free Disposable Antistatic Gloves, small 100/pk	Thomas Scientific	1177Q36	100PK	\$	9.86	5	\$	49.30	1177Q36
190	Powder Free Disposable Antistatic Gloves, Medium 100/pk	Thomas Scientific	NIT102	100PK	\$	9.86	5	\$	49.30	NIT102
191	Powder Free Disposable Antistatic Gloves, Large 100/pk	Thomas Scientific	NIT103	100PK	\$	9.86	5	\$	49.30	NIT103
192	Powder Free Disposable Antistatic Gloves XL 100/pk	Thomas Scientific	1177Q39	100PK	\$	9.86	5	\$	49.30	1177Q39
193	Replacement ProDSS pH Module	Fondriest Environmental	626963	EA	\$	180.13	5	\$	900.65	1190Q00
194	Replacement ProDSS ODO Sensor Cap	Fondriest Environmental	626890	EA	\$	129.33	5	\$	646.65	1173J00
195	DPD Chlorine Standard - Low Range	HACH	2635300	EA	\$	459.59	6	\$	2,757.54	special-TDG-2635300
196	DPD Chlorine Standard - High Range	HACH	2893300	EA	\$	462.98	6	\$	2,777.88	special-TDG-2893300
197	DPD Total Chlorine Reagent Powder Pillows, 25mL, pk/100	HACH	1406499	100PK	\$	77.14	25	\$	1,928.50	special-TDG-1406499
TOTAL BID AMOUNT									\$	166,831.85

Alternate	DC1500 IRON COLORIMETER KIT UN3481	EA	1	LAMOTTE CHEMIC	3248
Exact	Iron, EPA Phenantroline, reagents for 25 tests	PK	25	Hanna Instruments	H1721-25
Alternate	60mL Luer Lock Syringe	BX	30	Sol-Millennium Inc	P180060 Price is per PK/25, Minimum order Qty is BX/30
Exact	pH Buffer Pack 500mL of 4.01, 7&10 Stds	EA	1	COLE PARMER - OA	05942-10
Exact	CLS 100, 9" NITRILE Glove, 5.0 MIL, SM	CS	1000	CT International	NIT101 Price is per PK/100, Minimum order Qty is CS/1000
Exact	Glove, CTI, Nitrile, Class 100, 9 Inch, Medium	CS	1000	CT International	NIT102 Price is per PK/100, Minimum order Qty is CS/1000
Exact	Glove, CTI, Nitrile, Class 100, 9 Inch, Large, W	CS	1000	CT International	NIT103 Price is per PK/100, Minimum order Qty is CS/1000
Exact	CLS 100, 9" NITRILE Glove, 5.0 MIL, XL	CS	1000	CT International	NIT104 Price is per PK/100, Minimum order Qty is CS/1000
Exact	Replacement pH Module	EA	1	YELLOW SPRINGS II	626963
Exact	Replacement DSS ODO Sensor Cap	EA	1	YELLOW SPRINGS II	626890
	SpecCheck Secondary Gel Standards Set, DPD	EA	1	TDG-Hach	2635300
	SpecCheck Secondary Gel Standards Set, DPC	EA	1	TDG-Hach	2893300
	DPD Total Chlorine Reagent Powder Pillows, .	PK	100	TDG-Hach	140649