

BID2022-59 FURNISH AND DELIVERY F O B OF LABORATORY CHEMICALS SUPPLIES II FOR A PERIOD OF ONE (1) YEAR FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER, TRENTON WATER FILTRATION PLANT BID OPENING 9/30/2022 11:00AM

BID2022-59 FURNISH AND DELIVERY F.O.B. OF LABORATORY CHEMICALS SUPPLIES II FOR A PERIOD OF ONE (1) YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER FILTRATION PLANT BID OPENING DATE 09/30/2022 11:00AM			
NUMBER OF RESPONDENTS:	3		
NAME OF BIDDER	TAYLOR DISTRIBUTION GROUP, LLC DBA TDG SCIENTIFIC	PACIFIC STAR CORPORATION	THOMAS SCIENTIFIC, LLC
ADDRESS	10410 WATerview PARKWAY	4350 SOUTH WAYSIDE DRIVE #106	73 RIDGEWAY ROAD
CITY, STATE, ZIP	ROWLETT, TX 75089	HOUSTON, TX 77087	CANDLER, NC 28715
CONTACT NAME	ARTURA TAYLOR	DESITA NATALIA	RANDY GILLILAND
TELEPHONE	888-248-4929 X 101	713-527-0889	833-544-7447
FAX	972-939-4506	713-481-8423	856-467-3087
E-MAIL	ARTURA@TDGSCI.COM	CUSTOMER@PFSTAR.COM	QUOTES@THOMASSCI.COM
STATEMENT OF OWNERSHIP DISCLOSURE	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA	N/A	N/A	N/A
REQUIRED EVIDENCE AFFIRMATIVE ACTION REGULATIONS QUESTIONNAIRE	INCLUDED	INCLUDED	INCLUDED
NON-COLLUSION AFFIDAVIT	INCLUDED	INCLUDED	INCLUDED
AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE	INCLUDED	INCLUDED	INCLUDED
CERTIFICATION OF NON-DEBARMENT FOR FEDERAL GOVERNMENT CONTRACTS	INCLUDED	INCLUDED	INCLUDED
NJ BUSINESS REGISTRATION CERTIFICATE FOR CONTRACTOR	REQUIRED PRIOR TO AWARD FROM VENDOR	REQUIRED PRIOR TO AWARD FROM VENDOR	INCLUDED
EIC	REQUIRED PRIOR TO AWARD FROM VENDOR	REQUIRED PRIOR TO AWARD FROM VENDOR	CERT.#717 EXP. 12/15/2024
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A	INCLUDED	INCLUDED	INCLUDED
DEBARMENT NOTICE	INCLUDED	INCLUDED	INCLUDED
ETHICS COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED
CERTIFICATE OF INSURANCE	REQUIRED PRIOR TO AWARD FROM VENDOR	REQUIRED PRIOR TO AWARD FROM VENDOR	REQUIRED PRIOR TO AWARD FROM VENDOR
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED
60-DAY EXTENSION COMPLIANCE	YES	YES	YES
COMPLIANCE WITH EMERGENCY SERVICES	YES	YES	YES
THREE (3) REFERENCES	INCLUDED	N/A	N/A
W-9	N/A	N/A	N/A
TOTAL AMOUNT FOR ONE (1) YEAR	\$66,353.05 (SEE ATTACHED BREAKDOWN FOR PRICING)	\$102,138.90 (SEE ATTACHED BREAKDOWN OF PRICING)	\$110,737.30 (SEE ATTACHED BREAKDOWN OF PRICING)
EXCEPTIONS (IF ANY)	YES SEE ATTACHED	NONE	NONE
FATAL FLAW	NONE	NONE	NONE

Taylor Distribution, Corp, LLC

CY 2023

(1)

Trenton Water Works

Laboratory Chemicals Supplies II

Items to be supplied upon request for the duration of the contract

The undersigned proposes to furnish and deliver F.O.B. Trenton Water Works
Rt. 29 South Trenton, New Jersey.

Item No.	Qty.	Unit	Catalog No.	Description	Unit Price	Total Price	
1	2	EA	13-641-872	Fluoride CT STD 100 PPM 1PT	\$78.21	\$156.42	
2	2	EA	13-641-924	Nitrate as nitrogen STD 475 ml - shelf life 1 year	\$91.87	\$183.75	
3	10	CS	13-641-873	TISAB II for Fluoride 1 gallon 4/CS	\$439.93	\$4,399.27	
4	2	EA	13-641-850	Nitrate ION Strength Adjuster ISA Buffer 475 ml	\$89.69	\$179.39	
5	2	EA	S495-500	SOD CARBONATE ANHYD HPLC 500g	\$28.48	\$56.97	
6	5	CS	SA 226-4	Sulfuric acid SOL N/50 CR 4L hazardous material 4/CS	\$238.51	\$1,192.53	
7	3	EA	A510 500	Sulfuric acid TRACE MTL 500ml. Hazardous material	\$81.71	\$245.12	
8	3	EA	A467-250	Nitric acid OPTIMA 250 ml.	Offered 500ML VS 250 ML Original QTY 5 EA VS offered 3 EA	\$376.08	\$1,128.25
9	5	EA	A509-500	Nitric acid TRACE metals 500ml. (Hazardous material)		\$376.08	\$1,880.42
10	3	EA	LC 13-300-1	COLOR STD 500 units 500 ml Hazardous material shelf life 2 years	\$258.39	\$775.17	
11	2	EA	SS 82-1	Silver nitrate SOL CR APHA 1L - Shelf life 2years	\$30.33	\$60.65	
12	50	EA	LC18-540-2	Buffer Phosphate for DPD analysis of chlorine residual 1L bottles. - Shelf life 2years	\$36.10	\$1,805.21	
13	3	EA	02-793-500	Ethylendiamine Tetraacetic acid, 500g	\$70.39	\$211.17	
14	12	CS	02-358-25	N,N-Diethyl-p-phenylenediamine Oxaylate R 25g 6/CS	NO BID	NO BID	
15	10	EA	LC 19-700-1	Potassium iodide 0.5% 500 ml	\$27.57	\$275.68	
16	2	EA	09-330-1	Probe SOL REDI-STOR FISHER - Hazardous material	\$22.43	\$44.86	
17	15	PK	09-328-7	CONDUCT ONE-SHOT 100 UMHOS 6/PK- Shelf life 1 year	\$28.02	\$420.32	
18	1	PK	02-555-20A	Kimax*Brand heavy-duty Beakers (250 ml) 12/PK	\$96.70	\$96.70	
19	1	PK	02-555-20E	Kimax*Brand heavy-duty Beakers (1000 ml) 12/PK	\$108.07	\$108.07	
20	1	PK	02-591-10D	Nalgene* Polypropylene Griffin Beakers, G PP 250 ml-6/PK	\$27.94	\$27.94	
21	6	CS	08-553 E	Pyrex* Brand Certified/ Serialized Class A Cylinders 25ml 1/CS	\$94.08	\$564.51	
22	6	CS	08-553 A	Pyrex* Brand Certified/ Serialized Class A Cylinders 50ml 1/CS	\$98.69	\$592.17	
23	6	CS	08-553 B	Pyrex* Brand Certified/ Serialized Class A Cylinders 100ml 1/CS	\$101.82	\$610.93	

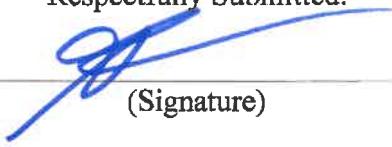
Taylor Distribution Corp, LLC

24	5	CS	08-553 F	Pyrex* Brand Certified/ Serialized Class A Cylinders 250ml 1/CS	\$115.14	\$575.68
25	2	PK	10-091B	Kimax* Flask ERLENM WM- 250ml- 12/PK	\$59.81	\$119.62
26	2	PK	10-208 E	Kimax* Flask vol. class A 25ml -6/PK	\$146.95	\$293.89
27	2	PK	10-208 F	Kimax* Flask vol. class A 50ml- 6/PK	\$158.25	\$316.51
28	5	PK	10-208 G	Kimax* Flask vol. class A 100 ml-6/PK	\$166.72	\$833.58
29	2	PK	10-208 H	Kimax* Flask vol. class A 200 ml -6/PK	\$197.17	\$394.34
30	2	PK	10-208 J	Kimax* Flask vol. class A 250 ml 6/PK	\$212.66	\$425.33
31	2	PK	10-208 K	Kimax* Flask vol. class A 500 ml 6/PK	\$261.14	\$522.27
32	5	EA	10-208 L	Kimax* Flask vol. class A 1000 ml	\$53.77	\$268.84
33	3	EA	10-208 M	Kimax* Flask vol. class A -2000 ml	\$67.94	\$203.81
34	8	PK	19-041-171B	Nitrile Examination gloves -200/pk. Shelf life 1 year Offered QTY 8 VS 4 as original qty requested was for 200PK vs offered 100PK	\$5.52	\$44.13
35	8	PK	19-041-171C	Nitrile Examination gloves -200/pk. Shelf life 1 year Offered QTY 8 VS 4 as original qty requested was for 200PK vs offered 100PK	\$5.52	\$44.13
36	8	PK	19-041-171D	Nitrile Examination gloves -200/pk. Shelf life 1 year Offered QTY 8 VS 4 as original qty requested was for 200PK vs offered 100PK	\$5.52	\$44.13
37	8	PK	19-041-171E	Nitrile Examination gloves 180/pk. - Shelf life 1 year Offered QTY 8 VS 4 as original qty requested was for 200PK vs offered 100PK	\$5.52	\$44.13
38	3	EA	11-877-35	Brother TZ Tap -½" BLK WHT F/PT 540/340/200	NO BID	NO BID
39	3	EA	11-877-34	Brother TZ Tap ½ "BLK CLR F/PT 540/340/200	NO BID	NO BID
40	1	CS	13-678-11D	Pipette SERO. STL 5X1/10 ml 200/CS	\$51.41	\$51.41
41	1	CS	13-678-11E	Pipette SERO. STL 10X1/10 ml 200/CS	\$55.15	\$55.15
42	1	CS	13-675 M	Pipette SERO 10 ml in 1/10 12/CS QTY changed to 2 as original QTY	\$168.33	\$168.33
43	2	CS	13-675 N	Pipette SERO 25 ml in 1/10 12/CS Requested 1 as UOM was CS12 vs offered CS6	\$133.48	\$266.97
44	2	CS	13-650-2 L	Pipette vol. A class 10 ml 12/CS	\$52.41	\$104.82
45	2	EA	13-650-2M	Pipette vol. class A 15 ml	\$54.43	\$108.86
46	2	EA	13-650-2N	Pipette vol. class A 20 ml	\$54.91	\$109.83
47	2	EA	13-650-2 P	Pipette vol. class A 25 ml	\$55.51	\$111.01
48	2	EA	13-650-2 S	Pipette vol. class A 50 ml QTY adjusted from 2EA to 1 EA as UOM requested EA1 vs Quoted PK6	\$60.10	\$60.10
49	1	CS	13-650-2 F	Pipette vol. class A 5 ml 12/CS	\$49.83	\$49.83
50	2	EA	13688226	Dispenser ADJ 0.2-2.0 ml	\$392.43	\$784.85
51	1	EA	05-402-48	Pipette adjustable vol. 10-100 μ L	\$116.59	\$116.59
52	1	EA	05-402-50	Pipette ADJSTBL VLM 100-1000 μ L	\$116.59	\$116.59
53	1	EA	05-402-51	Pipette ADJSTBL VLM 500-2500 μ L	\$356.44	\$356.44
54	4	CS	05-403-61	EPP PIPE TIPS 2.5 ml 500/CS	\$68.01	\$272.04
55	4	CS	21-377-1 D	TIP STER 2 IN YL EPPEND 1000/CS	NO BID	NO BID
56	5	CS	21-377-1 C	TIP STER 2 13/16 IN EPP 1000/CS	NO BID	NO BID
57	4	PK	13-711-21	STD TRANS PIPET STR 7ml 500/PK	\$40.20	\$160.80
58	3	EA	04-343	VERSA-CLEAN 4 liter	\$50.29	\$150.88
59	2	EA	04-322-4	ALCONOX detergent 4 lb	\$31.41	\$62.82
60	2	EA	04-322-10	ALCOTABS 100 per bottle	\$29.58	\$59.16
61	5	EA	04-355-21	PROGUARD hand cream 16oz. pump	\$15.96	\$79.79
62	12	PK	APPFC04700	GL FBR FLTR C 47mm 100/PK	\$87.42	\$1,049.00
63	10	PK	08-732	57 mm Aluminum Weigh Dish	\$4.85	\$48.53
64	12	EA	18-999-944E	Lab Coats XL	\$39.38	\$472.55
65	12	EA	18-999-944F	Lab Coats 2XL	\$41.64	\$499.71
66	5	PK	07-144-38	1" x 150mm Test Tube Cell for Spec 20 D	\$837.25	\$4,186.25
67	5	PK	1437731T	Spec 20 Tungsten Lamp	NO BID	NO BID

68	300	EA	RCC130-1	4L Acetic Acid 5%	\$46.29	\$13,886.60
69	300	EA	RCC3819-1	4L Hydrogen Peroxide 3%	\$77.74	\$23,322.68
70	2	EA	S466-500	Sodium Thiosulfate Anhydrous (500g)	\$27.69	\$55.39
71	15	EA	09-328-12	Conduct One-Shot 1413 FSR 6/PK	\$29.35	\$2,641.26

GRAND TOTAL 66,353.05

Respectfully Submitted:



(Signature)

Artura Taylor
(Print Name Above)

Taylor Distribution Group, LLC dba TDG Scientific
(Company)

Person to Contact: Artura Taylor

Telephone Number: (888) 248-4929

**EXCEPTIONS
(IF NONE, PLEASE NOTE)**

Exceptions requested itemized below under Deviation Sheet

Deviation Sheet

Line #5

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
SOD CARBONATE ANHYD HPLC 500g	Fisher Scientific	S495-500	EA	2

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Sodium carbonate, anhydrous ≥99.5% ACS, VWR Chemicals BDH®	VWR International	BDH9284-500G	EA	1

Supplier: VWR

Description:



Warning

Synonyms: Na-X , Carbonic acid sodium salt , Disodium carbonate , Soda , Bisodium carbonate , Carbonic acid, disodium salt , Soda ash

Meets reagent specifications for testing USP/NF monographs.

White granular powder.

Formula: Na_2CO_3

MW: 105.99 g/mol

Boiling Pt: 1600 °C (1013 hPa)

Melting Pt: 854 °C

Density: 2.53 g/cm³ (20 °C)

Storage Temperature: Ambient

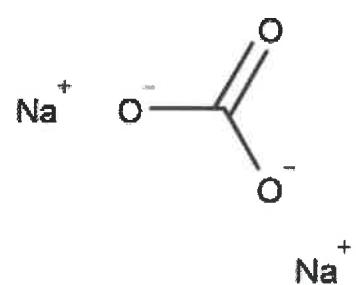
MDL Number: MFCD00003494

CAS Number: 497-19-8

EINECS: 207-838-8

REACH: 01-2119485498-19

Merck Index: 14,08596



Product Link: <https://us.vwr.com/store/product?keyword=BDH9284-500G>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/25606532/contents/25606532.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/25608940/contents/25608940.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/17344479/contents/ghs_bdh9284.pdf



Line #7

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Sulfuric acid TRACE MTL 500ml. Hazardous material Description: Chocolate Agar Medium, Format: 85mm Monoplate,	Fisher Scientific	A510 500	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Sulfuric acid 95.5-96.5 %, OmniTrace® for trace metal analysis, Supelco®	MilliporeSigma	EM-SX1247-1	EA	1

Supplier: VWR

Description:



Danger

For elemental metal analysis via Atomic Absorption and ICP instruments. Actual Lot Analysis on label. Color-coded label to match acid cap.

Formula: H₂SO₄
MW: 98.08 g/mol
Boiling Pt: ~335 °C (1013 hPa)
Melting Pt: 3 °C
Density: 1.84 g/cm³ (20 °C)
Storage Temperature: Ambient

MDL Number: MFCD00064589
CAS Number: 7664-93-9
EINECS: 231-639-5
UN: 1830
ADR: 8,II
Merck Index: 14,08974

Product Link: <https://us.vwr.com/store/product?keyword=EM-SX1247-1>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/17254789/contents/ghs_sx1247.pdf

Line #8

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Nitric acid OPTIMA 250 ml. (Hazardous material) casters, audible and visual hi/low alarm	Fisher Scientific	A467-250	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
NITRIC ACID ULTEX II 500ML	J.T.Baker	JT6901-5	EA	1

Supplier: VWR

Description:



Danger

Management of Change (MOC) category = N

ULTREX®/ULTREX® II—Acids and salts of extremely high purity with low levels of metallic impurities especially for use in ppt trace element analysis. These products are manufactured using state-of-the-art processing and are packaged under clean room conditions. Post-packaging characterization is performed using advanced analytical instrumental methods. A Certificate of Actual Lot Analysis is provided with every bottle.

Formula: HNO₃

MW: 63.01 g/mol

Storage Temperature: Ambient

MDL Number: MFCD00011349

CAS Number: 7697-37-2

EINECS: 231-714-2

UN: 2031

ADR: 8,I

Product Link: <https://us.vwr.com/store/product?keyword=90003-150>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/33236787/contents/33236787.pdf



Line #9

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Nitric acid TRACE metals 500ml. (Hazardous material)	Fisher Scientific	A509-500	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
NITRIC ACID ULTEX II 500ML	J.T.Baker	JT6901-5	EA	1

Supplier: VWR

Description



Danger

Management of Change (MOC) category = N

ULTREX®/ULTREX® II—Acids and salts of extremely high purity with low levels of metallic impurities especially for use in ppt trace element analysis. These products are manufactured using state-of-the-art processing and are packaged under clean room conditions. Post-packaging characterization is performed using advanced analytical instrumental methods. A Certificate of Actual Lot Analysis is provided with every bottle.

Formula: HNO_3

MDL Number: MFCD00011349

MW: 63.01 g/mol

CAS Number: 7697-37-2

Storage Temperature: Ambient

EINECS: 231-714-2

UN: 2031

ADR: 8,I

Product Link: <https://us.vwr.com/store/product?keyword=JT6901-5>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/33236787/contents/33236787.pdf



Line #11

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Silver nitrate SOL CR APHA IL - Shelf life 2years	Fisher Scientific	SS 82-1	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
SILVER NITRATE 0.0141N 32OZ	Ricca Chemical	RC686032	EA	1

Supplier: VWR

Description: Synonyms: Silver mononitrate , Nitric acid silver salt , Lunar caustic

APHA for chloride. 1mL= 0.5mg Cl. Standardized at 25°C against chemicals whose certification is traceable to NIST.

Formula: AgNO_3

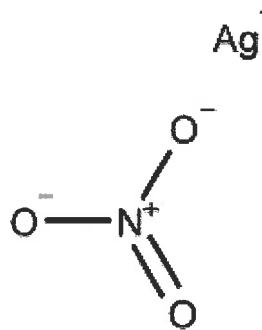
MW: 169.87 g/mol

Storage Temperature: Ambient

MDL Number: MFCD00003414

CAS Number: 7761-88-8

EINECS: 231-853-9



Product Link: <https://us.vwr.com/store/product?keyword=RC686032>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/8215061/contents/8215061.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/8215065/contents/8215065.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/8215057/contents/8215057.pdf



Line #12

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Buffer Phosphate for DPD analysis of chlorine residual 1L bottles. - Shelf life 2years	LabChem, Inc	LC18-540-2	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
PHOSPHATE BUFFER SOLUT 32OZ	Ricca Chemical	RC580532	EA	1

Supplier: VWR

Description: **Synonyms:** Silver mononitrate , Nitric acid silver salt , Lunar caustic

APHA for chloride. 1mL= 0.5mg Cl. Standardized at 25°C against chemicals whose certification is traceable to NIST.

Formula: AgNO_3

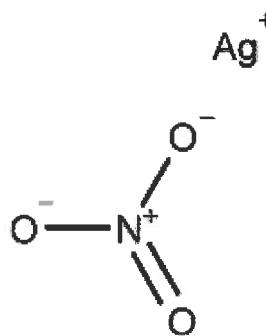
MW: 169.87 g/mol

Storage Temperature: Ambient

MDL Number: MFCD00003414

CAS Number: 7761-88-8

EINECS: 231-853-9



Product [Link: https://us.vwr.com/store/product?keyword=RC686032](https://us.vwr.com/store/product?keyword=RC686032)

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/8215061/contents/8215061.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/8215065/contents/8215065.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/8215057/contents/8215057.pdf



Line #13

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Ethylenediamine Tetraacetic acid, 500g		02-793-500	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
BDH EDTA POWDER ACS 500GM	VWR International	BDH9232-500G	EA	1

Supplier: VWR

Description:



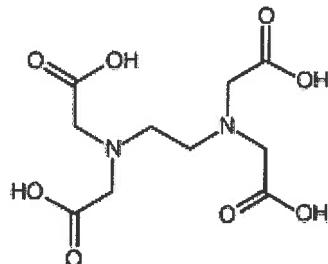
Warning

Synonyms: Ethylenediaminetetraacetic acid , Idranal® II , Kestranal® A , Edetic Acid , EDTA , Edetic acid , Ethylenedinitrilotetra-acetic acid

White solid.

Formula: $C_{10}H_{16}N_2O_8$
MW: 292.25 g/mol
Boiling Pt: 614 °C (1013 hPa)
Melting Pt: 220 °C
Density: 0.86 g/cm³ (20 °C)
Flash Pt: >100 °C
Storage Temperature: Ambient

MDL Number: MFCD00003541
CAS Number: 60-00-4
EINECS: 200-449-4
REACH: 01-2119486399-18
Merck Index: 13,03546



Product Link: <https://us.vwr.com/store/product?keyword=BDH9232-500>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/27413523/contents/27413523.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/25608921/contents/25608921.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/17344441/contents/ghs_bdh9232.pdf



Line #15

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Potassium iodide 0.5% 500 ml		LC 19-700-I	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
POT. IODIDE 0.5% (W/V)	Ricca Chemical	RC6287-16	EA	1

Supplier: VWR

Description:



Warning

Synonyms: Dipotassium diiodide , Kali iodide

Formula: KI

MW: 166 g/mol

Boiling Pt: 100 °C
Melting Pt: 0.0 °C
Density: 1.0037 g/cm³
Storage Temperature: Ambient

Product Link: <https://us.vwr.com/store/product?keyword=RC6287-16>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/8452943/contents/rc6287-16
https://us.vwr.com/assetsvc/asset/en_US/id/8452941/contents/8452941.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/8480903/contents/8480903.pdf



Line #16

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Probe SOL REDI-STOR FISHER - Hazardous material	Fisher Scientific	09-330-1	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR CONDUCTIVITY PROBE STRGE	VWR International	62344-940	EA	1

Supplier: VWR

Description: Ideal solution for storing conductivity probes.

- No conditioning required after removal from storage
- Keeps probe clean

Probe stays clean and ready for immediate use with no conditioning necessary. Eliminates growths common when storing in only water

Product Link: <https://us.vwr.com/store/product?keyword=62344-940>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/25647369/contents/25647369.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/8120605/contents/8120605.pdf



Line #17

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
CONDUCT ONE-SHOT 100 UMHOS 6/PK- Shelf life 1 year	Fisher Scientific	09-328-7	PK	6

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR STANDARD CONDT 100UMHO PK6	VWR International	23226-651	PK	6

Supplier: VWR

Description: These Certified Reference Materials (CRM) calibrate conductivity meters and probes for maximum accuracy.

- Traceable
- Available in single-use (100 ml) or 473 ml (16 oz.) sizes
- Easy to calibrate
- Polyethylene container
- Ideal for both laboratory and field conditions

They are compatible with all makes of equipment, and can be used in laboratory or field.

Single-use standards make it easy to calibrate with no external contamination. An extra large opening of 4.4 cm (1³/₄) diameter and depth of 8.9 cm (3¹/₂) allow probe calibration to take place in the standard's polyethylene container. Ideal for lab/field conditions. All solutions include a serial numbered Traceable

certificate to indicate traceability to standards provided by the National Institute of Standards and Technology (NIST). Double A2LA accreditation accredited certification provides the highest achievable level of quality assurance, documentation, and accuracy. CRMs are produced by A2LA accredited ISO Guide 34 certified reference material producer and by an A2LA accredited ISO 17025 calibration laboratory. Additional accreditations include ISO 31 (certificate content), and ISO 35 (statistical analysis), plus ISO 9001 DNV (certified quality manufacturer).

Accuracy at 25 °C is $\pm 0.25 \mu\text{hos}$ for 1, 5, and 10 μhos solutions, and 0.25% for all other solutions; or the uncertainty shown on the certificate, whichever is greater. Each container is labeled for calibrating conductivity in micromhos (microsiemens), resistivity in megohms, and dissolved solids in ppm. Available in 100 ml (3.4 oz.) single-use polyethylene bottles or 473 ml (16 oz.) bottles.

Certifications: Meet test requirements for Federal, State, and local agencies, CAP, CLSI, ACS, CLIA and complies with AOAC 973.40, EPA 120.1, Standard Method 2510 (APHA, AWWA, WEF), ISO 7888, DIN 38404, ASTM D1125, USGS I-1780, USP 645, OIML R56, IUPAC, and for A2LA/NVLAP accreditations/ISO 9000 certifications.

Ordering information: Assortment 61161-356 includes one bottle each of the single-use standards, except the 5 μhos solution (12777-832). All containers supplied with individual temperature compensation chart, calibration instructions, traceability information and Traceable® certificate.

Product Link: <https://us.vwr.com/store/product?keyword=23226-651>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/17054827/contents/ghs_4573.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/17054829/contents/ghs_4574.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/17054823/contents/ghs_4567.pdf



Line #34

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Nitrile Examination gloves -200/pk. Shelf life 1year	Fisher Scientific	19-041-171B	PK	200

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
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VWR GLOVES NITRILE EXAM BLUE PF S PK100	VWR	76518-336	PK	100
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Supplier: VWR

Description: Ambidextrous gloves are soft and comfortable for everyday use. They protect hands from a broad range of chemicals. Beaded cuff allows easy donning.

- Finger textured
- Ambidextrous
- Non sterile
- Soft and comfortable
- Protects hands from broad range of chemicals and hazards
- Powder-free

Ideal for use in industrial and laboratory applications.

Made of premium compounded nitrile for high manufacturing quality measures and product consistency. Gloves protect against biohazards and a broad range of chemicals. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins. Finger textured gloves feature rolled, beaded cuffs.

Certifications: Meet or exceed ASTM D6319 on water leak and dimension. Manufactured under GMP, ISO9001, ISO13485 and MDSAP quality system.

Packaging: 100 gloves per box, 10 boxes per case.

Product Link: <https://us.vwr.com/store/product?keyword=76518-336>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/39309730/contents/vwr-blue-powder-free-finger-textured-nitrile-glove.pdf



Line #35

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Nitrile Examination gloves -200/pk. Shelf life 1year	Fisher Scientific	19-041-171C	PK	200

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR GLOVES NITRILE EXAM BLUE PF M PK100	VWR	76518-338	PK	100

Supplier: VWR

Description: Ambidextrous gloves are soft and comfortable for everyday use. They protect hands from a broad range of chemicals. Beaded cuff allows easy donning.

- Finger textured
- Ambidextrous
- Non sterile
- Soft and comfortable
- Protects hands from broad range of chemicals and hazards
- Powder-free

Ideal for use in industrial and laboratory applications.

Made of premium compounded nitrile for high manufacturing quality measures and product consistency. Gloves protect against biohazards and a broad range of chemicals. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins. Finger textured gloves feature rolled, beaded cuffs.

Certifications: Meet or exceed ASTM D6319 on water leak and dimension. Manufactured under GMP, ISO9001, ISO13485 and MDSAP quality system.

Packaging: 100 gloves per box, 10 boxes per case.

Product Link: <https://us.vwr.com/store/product?keyword=76518-338>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/39309730/contents/vwr-blue-powder-free-finger-textured-nitrile-glove.pdf

**Line #36****Requested Item**

Description	Manufacturer	Part #	UOM	Qty/UOM
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Nitrile Examination gloves -200/pk. Shelf life 1 year	Fisher Scientific	19-041-171D	PK	200
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Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR GLOVES NITRILE EXAM BLUE PF L PK100	VWR	76518-340	PK	100

Supplier: VWR

Description: Ambidextrous gloves are soft and comfortable for everyday use. They protect hands from a broad range of chemicals. Beaded cuff allows easy donning.

- Finger textured
- Ambidextrous
- Non sterile
- Soft and comfortable
- Protects hands from broad range of chemicals and hazards
- Powder-free

Ideal for use in industrial and laboratory applications.

Made of premium compounded nitrile for high manufacturing quality measures and product consistency. Gloves protect against biohazards and a broad range of chemicals. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins. Finger textured gloves feature rolled, beaded cuffs.

Certifications: Meet or exceed ASTM D6319 on water leak and dimension. Manufactured under GMP, ISO9001, ISO13485 and MDSAP quality system.

Packaging: 100 gloves per box, 10 boxes per case.

Product Link: <https://us.vwr.com/store/product?keyword=76518-340>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/39309730/contents/vwr-blue-powder-free-finger-textured-nitrile-glove.pdf



Line #37

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Nitrile Examination gloves 180/pk. - Shelf life 1 year	Fisher Scientific	19-041-171E	PK	180

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR GLOVES NITRILE EXAM BLUE PF XL PK100	VWR	76518-342	PK	100

Supplier: VWR

Description: Ambidextrous gloves are soft and comfortable for everyday use. They protect hands from a broad range of chemicals. Beaded cuff allows easy donning.

- Finger textured
- Ambidextrous
- Non sterile
- Soft and comfortable
- Protects hands from broad range of chemicals and hazards
- Powder-free

Ideal for use in industrial and laboratory applications.

Made of premium compounded nitrile for high manufacturing quality measures and product consistency. Gloves protect against biohazards and a broad range of chemicals. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins. Finger textured gloves feature rolled, beaded cuffs.

Certifications: Meet or exceed ASTM D6319 on water leak and dimension. Manufactured under GMP, ISO9001, ISO13485 and MDSAP quality system.

Packaging: 100 gloves per box, 10 boxes per case.

Product Link: <https://us.vwr.com/store/product?keyword=76518-342>

Product Literature:

https://us.vwr.com/assetsvc/asset/en_US/id/39309730/contents/vwr-blue-powder-free-finger-textured-nitrile-glove.pdf



Line #40

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette SERO. STL 5X1/10 ml 200/CS		13-678-1ID	CS	200

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR PIPET SEROLOGICAL ST STD BLUE 5 ML	VWR	76201-710	CS	400

Supplier: VWR

Description: Polystyrene, transparent and graduated.

- DNase/RNase-free, non-pyrogenic, non-cytotoxic, non-haemolytic
- Graduations are calibrated for accurate dispensing to within ±2%
- Color-coded according to volume
- Sterile pipets are sterilized by irradiation
- Pipets meet BST/TSE requirements; latex-free
- Every product is printed with a batch number for traceability

Certifications: These disposable pipets are made of GPPS (general polystyrene), in compliance with USP Class VI. Manufactured in a class 100 000 cleanroom environment. Manufactured under EN ISO 13485:2016 and ISO 9001:2015 quality management system.

Packaging: Sterile serological pipets are available in individually packed, color-coded, peel-to-open paper/plastic, peel-to-open plastic/plastic, or bulk packed in a zip-locked, vacuum, polyethylene bag.

Product Link: <https://us.vwr.com/store/product?keyword=76201-710>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/24803930/contents/vwr-f-and-b-focus-volume-5-issue-2.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/25778184/contents/vwrtm-focus-equipment-and-instruments.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/33545387/contents/vwr-top-rated-guide.pdf



Line #41

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette SERO. STL 10X1/10 ml 200/CS		13-678-1IE	CS	200

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR PIPET SERO INDU PKG ST ORANGE 10ML	VWR	75816-100	CS	400

Supplier: VWR

Description: Polystyrene, transparent and graduated.

- DNase/RNase-free, non-pyrogenic, non-cytotoxic, non-haemolytic
- Graduations are calibrated for accurate dispensing to within $\pm 2\%$
- Color-coded according to volume
- Sterile pipets are sterilized by irradiation
- Pipets meet BST/TSE requirements; latex-free
- Every product is printed with a batch number for traceability

Certifications: These disposable pipets are made of GPPS (general polystyrene), in compliance with USP Class VI. Manufactured in a class 100 000 cleanroom environment. Manufactured under EN ISO 13485:2016 and ISO 9001:2015 quality management system.

Packaging: Sterile serological pipets are available in individually packed, color-coded, peel-to-open paper/plastic, peel-to-open plastic/plastic, or bulk packed in a zip-locked, vacuum, polyethylene bag.

Product Link: <https://us.vwr.com/store/product?keyword=75816-100>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/24803930/contents/vwr-f-and-b-focus-volume-5-issue-2.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/25778184/contents/vwrtm-focus-equipment-and-instruments.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/33545387/contents/vwr-top-rated-guide.pdf



Line #43**Requested Item**

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette SERO 25 ml in 1/10 12/CS	Fisher Scientific	13-675N	CS	12

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
PIPET SERO L WHT 25X0.1ML CS6	DWK Life Sciences	89003-530	CS	6

Supplier: VWR

Description: Wide-tip pipets with large tip opening provide faster delivery and are ideal for use with viscous liquids, slurries, and suspensions

Made from KIMAX-51® borosilicate glass for the highest resistance to chemical attack and scratching. Pipets are calibrated to deliver to the tip. Top ends are tooled to accept cotton plugging. Scale is permanent brown stain fused into the surface without etching. Pipets are color-coded for ease in sorting and selection. Designed from ASTM specification E1044, Style III requirements.

Product Link: <https://us.vwr.com/store/product?keyword=89003-530>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/35582587/contents/dwk-life-sciences-return-to-research-promo-2021.pdf



Line #44**Requested Item**

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette vol. A class 10 ml 12/CS	Fisher Scientific	13-650-2 L	CS	12

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
PIPETTE VOL VWR CLS A COLR CD BORO 10 ML	VWR	10546-024	CS	12

Supplier: VWR

Description: Made from ASTM E438 Type 1 Class A borosilicate 33 expansion glass and as per ASTM specification E969.

- Reusable
- Color-coded for easy sorting
- Borosilicate glass fabrication

Calibrated at 20° Celsius to deliver. These pipets are unserialized or batch certified.

Certifications: Pipets are color coded as per ASTM specification E1273.

Product Link: <https://us.vwr.com/store/product?keyword=10546-024>



Line #48**Requested Item**

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette vol. class A 50 ml	Fisher Scientific	13-650-2 s	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
PIPETTE VOL VWR CLS A COLR CD BORO 50ML	VWR	10546-036	PK	6

Supplier: VWR

Description: Made from ASTM E438 Type 1 Class A borosilicate 33 expansion glass and as per ASTM specification E969.

- Reusable
- Color-coded for easy sorting
- Borosilicate glass fabrication

Calibrated at 20° Celsius to deliver. These pipets are unserialized or batch certified.

Certifications: Pipets are color coded as per ASTM specification E1273.

Product Link: <https://us.vwr.com/store/product?keyword=10546-036>



Line #49**Requested Item**

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette vol. class A 5 ml 12/CS	Fisher Scientific	13-650-2 F	CS	12

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
PIPETTE VOL VWR CLS A COLR CD BORO 5ML	VWR	10546-014	CS	12

Supplier: VWR

Description: Made from ASTM E438 Type 1 Class A borosilicate 33 expansion glass and as per ASTM specification E969.

- Reusable
- Color-coded for easy sorting
- Borosilicate glass fabrication

Calibrated at 20° Celsius to deliver. These pipets are unserialized or batch certified.

Certifications: Pipets are color coded as per ASTM specification E1273.

Product Link: <https://us.vwr.com/store/product?keyword=10546-014>



Line #50

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Dispenser ADJ 0.2-2.0 ml		13688226	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
DISPENSETTE S ANALOG/RECIRC 0.2-2ML	BrandTech	10018-948	EA	1

Supplier: VWR

Description: The new Dispensette® S builds on a half century of BRAND® bottletop dispenser experience. It features a floating piston design with even lower operating forces, a new safety discharge system, and an improved sealing system, eliminating sealing washers for even better reliability. Designed to attach directly to a reagent bottle, eliminating poured transfer. In addition to the product improvements, a new 0.1–1mL size is available.

- Floating piston eliminates seal wear
- Safety discharge system
- Better reliability
- Fits most reagent bottles directly

Choose the Dispensette® S for general-purpose dispensing of acids, bases, buffers, and many common solvents (NOT suitable for HF)

Choose from two different volume adjust mechanisms or fixed volume models. Analog adjustable models feature a sliding pointer with scalloped inner track, well suited for rapid volume changes from one end of the range to the other. Digital adjustable models are excellent for highly reproducible volume settings. All are available with or without a recirculation valve that allows easy priming without 'spitting' or reagent wasting. Many accessories, including adapters for nearly any unpressurized container, are available.

For hydrofluoric acid, choose the Dispensette® S Trace Analysis platinum-iridium. For concentrated acids, TFA, peroxides, THF, and other difficult solvents, choose the Dispensette® S Organic. A selection chart is available.

Accessories information: Discharge tubes are available separately as accessories. Tubes feature threaded safety caps, and are color coded to match the appropriate Dispensette®. Adjustable length filling tubes require no cutting. Discharge tubes come in standard and fine orifice tips. Flexible discharge tubes feature 800mm of coiled PTFE tubing with a weighted, textured safety grip.

Ordering information: Dispensette® S and Dispensette® S Organic bottle-top dispensers are supplied with performance certificate, telescoping filling tube, recirculation valve and recirculation tube (if specified), valve mounting tool, and a selection of polypropylene adapters. Bottle not included.

Caution: Flexible discharge tubes must never be used with hydrofluoric acid (HF).

Product Link: <https://us.vwr.com/store/product?keyword=10018-948>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/26882245/contents/vwr-focus-equipments-and-instruments.pdf



Line #51

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette adjustable vol. 10-100 ul	Eppendorf	022470205	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR PIPETTE EHP VARBL 10-100UL	VWR	89079-968	EA	1

Supplier: VWR

Description: The new, ergonomic design of the pipettors allow for consistently comfortable pipetting even with extended use.

- Superior accuracy and precision for critical applications
- Reduced plunger forces
- Fully autoclavable
- Volume locking mechanism

An extended, curved finger rest allows the pipettor to balance on the index finger, and both plunger and volume-adjustment forces have been significantly reduced to eliminate the strain of repetitive pipetting.

To accommodate a wide variety of tips, the easy-grip ejector system provides adjustment of the ejector height. The stainless steel construction of the ejector prevents corrosion and bending. These lightweight, durable pipettors are fully autoclavable and are supplied with a tool for in-lab calibration and a three-year warranty.

Each starter kit is supplied with the pipette volumes listed in the table below and a 4-place linear stand.

Volume setting is continuously adjustable using either the micrometer wheel or dispenser button. A locking mechanism prevents accidental volume shift while the instrument is in use.

Product Link: <https://us.vwr.com/store/product?keyword=89079-968>

Product Literature:

https://us.vwr.com/assetsvc/asset/en_US/id/18026489/contents/vwrcatalyst_pipette_calibration_services_flyer.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/18026489/contents/vwrcatalyst_pipette_calibration_services_flyer.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/23391480/contents/f-bfocus-volume-5-issue-1w.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/23146612/contents/vwr_signature_ergonomic_high_performance_pipettors.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/33545387/contents/vwr-top-rated-guide.pdf



Line #52

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Pipette ADJSTBL VLM 100-1000 u L	Eppendorf	05-402-50	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR PIPETTE EHP VAR 100-1000UL	VWR	89079-974	EA	1

Supplier: VWR

Description: The new, ergonomic design of the pipettors allow for consistently comfortable pipetting even with extended use.

- Superior accuracy and precision for critical applications
- Reduced plunger forces
- Fully autoclavable
- Volume locking mechanism

An extended, curved finger rest allows the pipettor to balance on the index finger, and both plunger and volume-adjustment forces have been significantly reduced to eliminate the strain of repetitive pipetting.

To accommodate a wide variety of tips, the easy-grip ejector system provides adjustment of the ejector height. The stainless steel construction of the ejector prevents corrosion and bending. These lightweight, durable pipettors are fully autoclavable and are supplied with a tool for in-lab calibration and a three-year warranty.

Each starter kit is supplied with the pipette volumes listed in the table below and a 4-place linear stand.

Volume setting is continuously adjustable using either the micrometer wheel or dispenser button. A locking mechanism prevents accidental volume shift while the instrument is in use.

Product Link: <https://us.vwr.com/store/product?keyword=89079-974>

Product Literature:

https://us.vwr.com/assetsvc/asset/en_US/id/18026489/contents/vwrcatalyst_pipette_calibration_services_flyer.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/22292641/contents/vwrbiomarke-magazine-volume-3-issue-2.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/23391480/contents/f-bfocus-volume-5-issue-1w.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/23391480/contents/f-bfocus-volume-5-issue-1w.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/33545387/contents/vwr-top-rated-guide.pdf



Line #53

Requested Item

Description	Manufacturer	Part #	UOM	Otv/UOM
Pipette ADJSTBL VLM 500-2500 uL	Eppendorf	05-402-51	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Otv/UOM
REF 2 SC VAR 0.25-2.5ML	Eppendorf	10032-684	EA	1

Supplier: VWR

Description: The unique one-button operation offers fast and ergonomic handling with reduced operating effort and active aerosol reduction.

The one-button operating system allows users to move more quickly through pipetting tasks with all operating controls (Aspiration/dispensing, volume selection, tip ejection) contained in a single button. With the ability to eject a tip immediately following a dispensing step, aerosol contamination of the pipettor is considerably reduced. Releasing the operating button allows only fresh air, not residual aerosols, to re-enter the pipettor housing after the tip is discarded.

With spring loaded nose cones, present in both the single channel and multi channel versions, Eppendorf provides increased reproducibility and more uniform results among users in the lab, as well as lowering attachment and ejection forces for superior ergonomic operation.

To avoid accidental tip ejections, a clear haptic feedback is felt after the blowout step. The spring loaded tip cone improves user to user reproducibility and ergonomics by lowering tip attachment and ejection force. Outstanding precision and accuracy of the Reference® 2 ensures more reliable results. Volume lock prevents accidental changes and the constantly visible 4-digit display enables increased security for the most stringent lab environments. An embedded RFID chip contains all relevant data regarding the pipettor

and, in conjunction with Eppendorf TrackIT, offers simple identification and documentation for each pipettor in the lab.

Ordering information: All Reference® 2 single channel, adjustable volume pipettors are supplied with an ep.T.I.P.S. box.

Product Link: <https://us.vwr.com/store/product?keyword=10032-684>



Line #58

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VERSA-CLEAN 4 liter		04-343	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
MEGA CLEAN HD CLEAN SOLUTN 1GL	Micronova	68400-042	EA	1

Supplier: VWR

Description: A non-flammable, heavy-duty cleaner and degreaser that removes grease, adhesives, and photo-resistant stains from all general surfaces. Filtered to 0.1 microns, this cleaner is ideal for semiconductor, electronics, aerospace, and clean-build operations.

Non-flammable, heavy-duty cleanroom degreaser

Effective at low concentrations

Filtered to 0.1 µm

Biodegradable

Water soluble

The Micronova MegaClean™ heavy-duty cleaner offers an effective alternative to toxic, flammable, solvent-based cleaners, such as acetone and isopropyl alcohol. Available in 1 or 5 gallon bottles.

Product Link: <https://us.vwr.com/store/product?keyword=68400-042>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/8927823/contents/8927823.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/8927822/contents/8927822.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/8927821/contents/8927821.pdf



Line #62

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
GL FBR FLTR C 47mm 100/PK	MilliporeSigma	APFC04700	PK	100

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
FILTER GLASS GF/C 4.7CM PK100	Whatman products (Cytiva)	28497-696	PK	100

Supplier: VWR

Description: These borosilicate glass filters are widely used as total suspended solids filters for applications testing both potable water and waste water. GF/C can also function as a filter for liquid scintillation counting, cell harvesting, industrial waste analysis and binding assays that require high loading capacity.

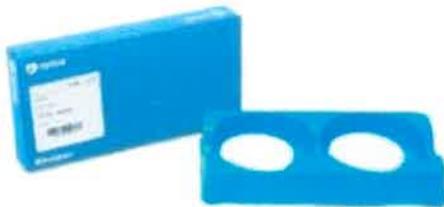
- Fine particle retention
- Good flow rate and loading capacity
- Binder free

Product Link: <https://us.vwr.com/store/product?keyword=28497-696>

Product Literature:

https://us.vwr.com/assetsvc/asset/en_US/id/20007874/contents/ge_healthcare_environmental_testing_for_water_brochure_ca.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/18968671/contents/ge_healthcare_environmental_testing_for_water_brochure.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/20653860/contents/ge_healthcare_whatman_filtration_products_for_pharmaceutical_quality_control_us.pdf

https://us.vwr.com/assetsvc/asset/en_US/id/18968714/contents/ge_healthcare_whatman_laboratory_essentials_brochure.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/20240249/contents/ge_healthcare_environmental_testing_for_water_air_and_soil_brochure_us.pdf



Line #63

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
57 mm Aluminum Weigh Dish		08-732	PK	144

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
VWR CRINKLE DISH AL 57MM PK144	VWR	25433-008	PK	144

Supplier: VWR

Description: These dishes are ideal for general-purpose weighing, dispensing, and storing applications.

- Dishes feature tabs for easy handling
- Crimped sides for rigidity
- Sturdy construction

Dishes also function as evaporating dishes, parts containers, or dust covers. Sturdy, with a flat bottom and slight taper for easy stacking.

Product Link: <https://us.vwr.com/store/product?keyword=25433-008>

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/27465056/contents/vwrtm-focus-equipment-and-instruments-issue-3.pdf



Line #64

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Lab Coats XL	White Swan	611614XL	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
LAB COAT MEN POLY/COTTON WHITE XL	Cole Parmer	76485-836	EA	1

Supplier: VWR

Description: Made of 65% polyester/35% cotton blend for easy care.

- White lab coats available in a range of men's sizes
- Designed with one upper left breast pocket and two roomy lower pockets

Knee-length lab coats feature a sewn-down back belt. Side-slits allow easy access to pants pockets.

Product Link: <https://us.vwr.com/store/product?keyword=76485-836>



Line #65

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Lab Coats 2XL	White Swan	61160142X	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
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LAB COAT MEN POLY/COTTON WHITE XXL	Cole Parmer	76485-838	EA	1
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Supplier: VWR

Description: Made of 65% polyester/35% cotton blend for easy care.

- White lab coats available in a range of men's sizes
- Designed with one upper left breast pocket and two roomy lower pockets

Knee-length lab coats feature a sewn-down back belt. Side-slits allow easy access to pants pockets.

Product Link: <https://us.vwr.com/store/product?keyword=76485-838>



Line #70

Requested Item

Description	Manufacturer	Part #	UOM	Qty/UOM
Sodium Thiosulfate Anhydrous (500g)		S466-500	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Qty/UOM
SODIUM THIOSULFATE ANHYD RGT GRD 500G	VWR	97061-554	EA	1

Supplier: VWR

Description: Synonyms: di-Sodium thiosulfate , Sodium hyposulphite , di-Sodium thiosulphate , Sodium hyposulfite

Formula: $\text{Na}_2\text{S}_2\text{O}_3$

MW: 158.11 g/mol

Boiling Pt: 100 °C (1013 hPa)

MDL Number: MFCD00003499

CAS Number: 7772-98-7

Melting Pt: 48 °C
Density: 1.66 g/cm³ (20 °C)
Storage Temperature: Ambient

EINECS: 231-867-5
Merck Index: 12,08844

Product Link: <https://us.vwr.com/store/product?keyword=97061-554>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/25614208/contents/25614208.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/18553395/contents/ghs_0393.pdf



Line #71

Requested Item

Description	Manufacturer	Part #	UOM	Otv/UOM
Conduct One-Shot 1413 FSR 6/PK	Fisher Scientific	09-328-12	EA	1

Quoted Item

Description	Manufacturer	Part #	UOM	Otv/UOM
VWR CONDUCTIVITY STANDRD 100ML	VWR	62344-938	EA	1

Supplier: VWR

Description: These Certified Reference Materials (CRM) calibrate conductivity meters and probes for maximum accuracy.

- Traceable
- Available in single-use (100 ml) or 473 ml (16 oz.) sizes
- Easy to calibrate
- Polyethylene container
- Ideal for both laboratory and field conditions

They are compatible with all makes of equipment, and can be used in laboratory or field.

Single-use standards make it easy to calibrate with no external contamination. An extra large opening of 4.4 cm (1³/₄) diameter and depth of 8.9 cm (3¹/₂) allow probe calibration to take place in the standard's polyethylene container. Ideal for lab/field conditions.

All solutions include a serial numbered Traceable certificate to indicate traceability to standards provided by the National Institute of Standards and Technology (NIST). Double A2LA accreditation accredited certification provides the highest achievable level of quality assurance, documentation, and accuracy. CRMs are produced by A2LA accredited ISO Guide 34 certified reference material producer and by an A2LA accredited ISO 17025 calibration laboratory. Additional accreditations include ISO 31 (certificate content), and ISO 35 (statistical analysis), plus ISO 9001 DNV (certified quality manufacturer).

Accuracy at 25 °C is $\pm 0.25 \mu\text{mhos}$ for 1, 5, and 10 μmhos solutions, and 0.25% for all other solutions; or the uncertainty shown on the certificate, whichever is greater. Each container is labeled for calibrating conductivity in micromhos (microsiemens), resistivity in megohms, and dissolved solids in ppm. Available in 100 ml (3.4 oz.) single-use polyethylene bottles or 473 ml (16 oz.) bottles.

Certifications: Meet test requirements for Federal, State, and local agencies, CAP, CLSI, ACS, CLIA and complies with AOAC 973.40, EPA 120.1, Standard Method 2510 (APHA, AWWA, WEF), ISO 7888, DIN 38404, ASTM D1125, USGS I-1780, USP 645, OIML R56, IUPAC, and for A2LA/NVLAP accreditations/ISO 9000 certifications.

Ordering information: Assortment 61161-356 includes one bottle each of the single-use standards, except the 5 μ mhos solution (12777-832). All containers supplied with individual temperature compensation chart, calibration instructions, traceability information and Traceable® certificate.

Product Link: <https://us.vwr.com/store/product?keyword=62344-938>

SDS: https://us.vwr.com/assetsvc/asset/en_US/id/17054827/contents/ghs_4573.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/17054829/contents/ghs_4574.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/17054823/contents/ghs_4567.pdf

Product Literature: https://us.vwr.com/assetsvc/asset/en_US/id/28464077/contents/avantor-portfolio-of-chemicals.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/27465056/contents/vwrtm-focus-equipment-and-instruments-issue-3.pdf
https://us.vwr.com/assetsvc/asset/en_US/id/27465056/contents/vwrtm-focus-equipment-and-instruments-issue-3.pdf



CY 2023
Trenton Water Works
Laboratory Chemicals Supplies II
Items to be supplied upon request for the duration of the contract

The undersigned proposes to furnish and deliver F.O.B. Trenton Water Works
 Rt. 29 South Trenton, New Jersey.

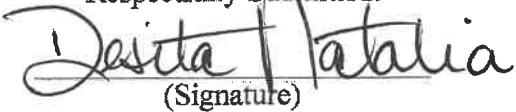
Item No.	Qty.	Unit	Catalog No.	Description	Unit Price	Total Price
1	2	EA	13-641-872	Fluoride CT STD 100 PPM 1PT	\$97.33	\$194.66
2	2	EA	13-641-924	Nitrate as nitrogen STD 475 ml - shelf life 1 year	\$112.96	\$225.92
3	10	CS	13-641-873	TISAB II for Fluoride 1 gallon 4/CS	\$525.98	\$5,259.80
4	2	EA	13-641-850	Nitrate ION Strength Adjuster ISA Buffer 475 ml	\$114.97	\$229.94
5	2	EA	S495-500	SOD CARBONATE ANHYD HPLC 500g	\$56.20	\$112.40
6	5	CS	SA 226-4	Sulfuric acid SOL N/50 CR 4L hazardous material 4/CS	\$219.09	\$979.05
7	3	EA	A510 500	Sulfuric acid TRACE MTL 500ml. Hazardous material	\$88.13	\$264.39
8	5	EA	A467-250	Nitric acid OPTIMA 250 ml. (Hazardous material)	\$531.55	\$2,657.75
9	5	EA	A509-500	Nitric acid TRACE metals 500ml. (Hazardous material)	\$455.28	\$2,276.40
10	3	EA	LC 13-300-1	COLOR STD 500 units 500 ml Hazardous material shelf life 2 years	\$279.14	\$837.42
11	2	EA	SS 82-1	Silver nitrate SOL CR APHA 1L - Shelf life 2 years	\$151.57	\$303.14
12	50	EA	LC18-540-2	Buffer Phosphate for DPD analysis of chlorine residual 1L bottles. - Shelf life 2 years	\$41.97	\$2,098.50
13	3	EA	02-793-500	Ethylenediamine Tetraacetic acid, 500g	\$142.89	\$428.67
14	12	CS	02-358-25	N,N-Diethyl-p-phenylenediamine Oxaylate R 25g 6/CS	\$1,831.90	\$21,982.80
15	10	EA	LC 19-700-1	Potassium iodide 0.5% 500 ml	\$37.61	\$376.10
16	2	EA	09-330-1	Probe SOL REDI-STOR FISHER - Hazardous material	\$51.61	\$103.22
17	15	PK	09-328-7	CONDUCT ONE-SHOT 100 UMHOS 6/PK- Shelf life 1 year	\$67.57	\$1,013.55
18	1	PK	02-555-20A	Kimax*Brand heavy-duty Beakers (250 ml). 12/PK	\$162.86	\$162.86
19	1	PK	02-555-20E	Kimax*Brand heavy-duty Beakers (1000 ml) 12/PK	\$224.25	\$224.25
20	1	PK	02-591-10D	Nalgene* Polypropylene Griffin Beakers, G PP 250 ml-6/PK	\$62.92	\$62.92
21	6	CS	08-553 E	Pyrex* Brand Certified/ Serialized Class A Cylinders 25ml 1/CS	\$119.05	\$714.30
22	6	CS	08-553 A	Pyrex* Brand Certified/ Serialized Class A Cylinders 50ml 1/CS	\$120.84	\$725.04
23	6	CS	08-553 B	Pyrex* Brand Certified/ Serialized Class A Cylinders 100ml 1/CS	\$128.70	\$772.20

24	5	CS	08-553 F	Pyrex* Brand Certified/ Serialized Class A Cylinders 250ml 1/CS	\$145.86	\$729.30
25	2	PK	10-091B	Kimax* Flask ERLENM WM- 250ml- 12/PK	\$127.66	\$255.32
26	2	PK	10-208 E	Kimax* Flask vol. class A 25ml -6/PK	\$207.65	\$415.30
27	2	PK	10-208 F	Kimax* Flask vol. class A 50ml- 6/PK	\$223.64	\$447.28
28	5	PK	10-208 G	Kimax* Flask vol. class A 100 ml-6/PK	\$425.02	\$2,125.10
29	2	PK	10-208 H	Kimax* Flask vol. class A 200 ml -6/PK	\$278.62	\$557.24
30	2	PK	10-208 J	Kimax* Flask vol. class A 250 ml 6/PK	\$300.56	\$601.12
31	2	PK	10-208 K	Kimax* Flask vol. class A 500 ml 6/PK	\$369.04	\$738.08
32	5	EA	10-208 L	Kimax* Flask vol. class A 1000 ml	\$107.72	\$538.60
33	3	EA	10-208 M	Kimax* Flask vol. class A -2000 ml	\$136.19	\$408.57
34	4	PK	19-041-171B	Nitrile Examination gloves -200/pk. Shelf life 1 year	\$18.47	\$73.88
35	4	PK	19-041-171C	Nitrile Examination gloves -200/pk. Shelf life 1 year	\$18.47	\$73.88
36	4	PK	19-041-171D	Nitrile Examination gloves -200/pk. Shelf life 1 year	\$18.47	\$73.88
37	4	PK	19-041-171E	Nitrile Examination gloves 180/pk. - Shelf life 1 year	\$18.93	\$75.72
38	3	EA	11-877-35	Brother TZ Tap -½" BLK WHT F/PT 540/340/200	\$24.92	\$74.76
39	3	EA	11-877-34	Brother TZ Tap ½ "BLK CLR F/PT 540/340/200	\$25.90	\$77.70
40	1	CS	13-678-11D	Pipette SERO. STL 5X1/10 ml 200/CS	\$46.46	\$46.46
41	1	CS	13-678-11E	Pipette SERO. STL 10X1/10 ml 200/CS	\$56.12	\$56.12
42	1	CS	13-675 M	Pipette SERO 10 ml in 1/10 12/CS	\$188.22	\$188.22
43	1	CS	13-675 N	Pipette SERO 25 ml in 1/10 12/CS	\$308.88	\$308.88
44	2	CS	13-650-2 L	Pipette vol. A class 10 ml 12/CS	\$191.28	\$382.56
45	2	EA	13-650-2M	Pipette vol. class A 15 ml	\$22.69	\$68.07
46	2	EA	13-650-2N	Pipette vol. class A 20 ml	\$24.58	\$73.74
47	2	EA	13-650-2 P	Pipette vol. class A 25 ml	\$26.27	\$78.81
48	2	EA	13-650-2 S	Pipette vol. class A 50 ml	\$77.51	\$232.53
49	1	CS	13-650-2 F	Pipette vol. class A 5 ml 12/CS	\$149.05	\$149.05
50	2	EA	13688226	Dispenser ADJ 0.2-2.0 ml	\$443.52	\$887.04
51	1	EA	05-402-48	Pipette adjustable vol. 10-100 μ L	\$153.30	\$153.30
52	1	EA	05-402-50	Pipette ADJSTBL VLM 100-1000 μ L	\$231.83	\$231.83
53	1	EA	05-402-51	Pipette ADJSTBL VLM 500-2500 μ L	\$376.50	\$376.50
54	4	CS	05-403-61	EPP PIPE TIPS 2.5 ml 500/CS	\$376.50	\$1,506.00
55	4	CS	21-377-1 D	TIP STER 2 IN YL EPPEND 1000/CS	\$193.99	\$775.96
56	5	CS	21-377-1 C	TIP STER 2 13/16 IN EPP 1000/CS	\$199.34	\$996.70
57	4	PK	13-711-21	STD TRANS PIPET STR 7ml 500/PK	\$61.10	\$244.40
58	3	EA	04-343	VERSA-CLEAN 4 liter	\$126.17	\$378.51
59	2	EA	04-322-4	ALCONOX detergent 4 lb	\$36.43	\$72.86
60	2	EA	04-322-10	ALCOTABS 100 per bottle	\$34.30	\$68.60
61	5	EA	04-355-21	PROGUARD hand cream 16oz. pump	\$31.72	\$158.60
62	12	PK	APFC04700	GL FBR FLTR C 47mm 100/PK	\$106.75	\$1,281.00
63	10	PK	08-732	57 mm Aluminum Weigh Dish	\$96.68	\$966.80
64	12	EA	18-999-944E	Lab Coats XL	\$37.08	\$444.96
65	12	EA	18-999-944F	Lab Coats 2XL	\$81.72	\$980.64
66	5	PK	07-144-38	1" x 150mm Test Tube Cell for Spec 20 D	\$531.96	\$2,659.80
67	5	PK	1437731T	Spec 20 Tungsten Lamp	\$456.42	\$2,282.10

68	300	EA	RCC130-1	4L Acetic Acid 5%	\$66.67	\$20,001.00
69	300	EA	RCC3819-1	4L Hydrogen Peroxide 3%	\$52.02	\$15,606.00
70	2	EA	S466-500	Sodium Thiosulfate Anhydrous (500g)	\$65.19	\$130.38
71	15	EA	09-328-12	Conduct One-Shot 1413 FSR 6/PK	\$55.80	\$837.00

GRAND TOTAL \$102,138.90

Respectfully Submitted:


(Signature)

Desita Natalia

(Print Name Above)

Pacific Star Corporation

(Company)

Person to Contact: Desita Natalia

Telephone Number: 713-527-0889

PLEASE SEE REFERENCE FILE ATTACHED WITH MFG AND MFG PART NUMBERS

CY 2023

Trenton Water Works

Laboratory Chemicals Supplies II

Items to be supplied upon request for the duration of the contract

3

The undersigned proposes to furnish and deliver F.O.B. Trenton Water Works
Rt. 29 South Trenton, New Jersey.

Item No.	Qty.	Unit	Catalog No.	Description	Unit Price	Total Price
1	2	EA	13-641-872	Fluoride CT STD 100 PPM 1PT	\$90.64	\$181.28
2	2	EA	13-641-924	Nitrate as nitrogen STD 475 ml - shelf life 1year	\$105.19	\$210.38
3	10	CS	13-641-873	TISAB II for Fluoride 1 gallon 4/CS	\$655.21	\$6552.10
4	2	EA	13-641-850	Nitrate ION Strength Adjuster ISA Buffer 475 ml	\$107.08	\$214.16
5	2	EA	S495-500	SOD CARBONATE ANHYD HPLC 500 ALTERNATE	\$118.53	\$237.06
6	5	CS	SA 226-4	Sulfuric acid SOL N/50 CR 4L hazardous material 4/CS ALTERNATE	\$103.97	\$519.85
7	3	EA	A510 500	Sulfuric acid TRACE MTL 500ml. Hazardous material ALTERNATE	\$123.62	\$370.86
8	5	EA	A467-250	Nitric acid OPTIMA 250 ml. (Hazardous material) ALTERNATE	\$921.70	\$4608.50
9	5	EA	A509-500	Nitric acid TRACE metals 500ml. (Hazardous material) ALTERNATE	\$108.99	\$544.95
10	3	EA	LC 13-300-1	COLOR STD 500 units 500 ml Hazardous material shelf life 2 years	\$342.58	\$1027.74
11	2	EA	SS 82-1	Silver nitrate SOL CR APHA 1L - Shelf life 2years ALTERNATE	\$54.68	\$109.36
12	50	EA	LC18-540-2	Buffer Phosphate for DPD analysis of chlorine residual 1L bottles. - Shelf life 2years	\$51.48	\$2574.00
13	3	EA	02-793-500	Ethylenediamine Tetraacetic acid, 500g	NO BID	
14	12	CS	02-358-25	N,N-Diethyl-p-phenylenediamine Oxaylate R 25g 6/CS	NO BID	
15	10	EA	LC 19-700-1	Potassium iodide 0.5% 500 ml	\$45.91	\$459.10
16	2	EA	09-330-1	Probe SOL REDI-STOR FISHER - Hazardous material ALTERNATE	\$32.29	\$64.58
17	15	PK	09-328-7	CONDUCT ONE-SHOT 100 UMHOS 6/PK- Shelf life 1year ALTERNATE	\$41.96	\$629.40
18	1	PK	02-555-20A	Kimax*Brand heavy-duty Beakers (250 ml) 12/PK	\$151.71	\$151.71
19	1	PK	02-555-20E	Kimax*Brand heavy-duty Beakers (1000 ml) 12/PK	\$213.15	\$213.15
20	1	PK	02-591-10D	Nalgene* Polypropylene Griffin Beakers, G PP 250 ml-6/PK	NO BID	
21	6	CS	08-553 E	Pyrex* Brand Certified/ Serialized Class A Cylinders 25ml 1/CS	\$120.32	\$721.92
22	6	CS	08-553 A	Pyrex* Brand Certified/ Serialized Class A Cylinders 50ml 1/CS	\$122.27	\$733.62
23	6	CS	08-553 B	Pyrex* Brand Certified/ Serialized Class A Cylinders 100ml 1/CS	\$130.18	\$781.08

24	5	CS	08-553 F	Pyrex* Brand Certified/ Serialized Class A Cylinders 250ml 1/CS	\$147.16	\$735.80
25	2	PK	10-091B	Kimax* Flask ERLENM WM- 250ml- 12/PK	\$117.84	\$235.68
26	2	PK	10-208 E	Kimax* Flask vol. class A 25ml -6/PK	\$293.53	\$587.06
27	2	PK	10-208 F	Kimax* Flask vol. class A 50ml- 6/PK ALTERNATE	\$48.14	\$96.28
28	5	PK	10-208 G	Kimax* Flask vol. class A 100 ml-6/PK	\$332.99	\$1664.95
29	2	PK	10-208 H	Kimax* Flask vol. class A 200 ml -6/PK	\$393.85	\$787.70
30	2	PK	10-208 J	Kimax* Flask vol. class A 250 ml 6/PK	\$600.81	\$1201.62
31	2	PK	10-208 K	Kimax* Flask vol. class A 500 ml 6/PK	\$737.70	\$1475.40
32	5	EA	10-208 L	Kimax* Flask vol. class A 1000 ml	\$106.86	\$534.30
33	3	EA	10-208 M	Kimax* Flask vol. class A -2000 ml	\$191.86	\$575.58
34	4	PK	19-041-171B	Nitrile Examination gloves -200/pk. Shelf life 1 year ALTERNATE	\$9.36	\$37.44
35	4	PK	19-041-171C	Nitrile Examination gloves -200/pk. Shelf life 1 year ALTERNATE	\$9.36	\$37.44
36	4	PK	19-041-171D	Nitrile Examination gloves -200/pk. Shelf life 1 year ALTERNATE	\$9.36	\$37.44
37	4	PK	19-041-171E	Nitrile Examination gloves 180/pk. - Shelf life 1 year ALTERNATE	\$9.36	\$37.44
38	3	EA	11-877-35	Brother TZ Tap -½" BLK WHT F/PT 540/340/200	NO BID	
39	3	EA	11-877-34	Brother TZ Tap ½ "BLK CLR F/PT 540/340/200	NO BID	
40	1	CS	13-678-11D	Pipette SERO. STL 5X1/10 ml 200/CS ALTERNATE	\$128.27	\$128.27
41	1	CS	13-678-11E	Pipette SERO. STL 10X1/10 ml 200/CS ALTERNATE	\$135.17	\$135.17
42	1	CS	13-675 M	Pipette SERO 10 ml in 1/10 12/CS ALTERNATE	\$218.74	\$218.74
43	1	CS	13-675 N	Pipette SERO 25 ml in 1/10 12/CS ALTERNATE	\$198.84	\$198.84
44	2	CS	13-650-2 L	Pipette vol. A class 10 ml 12/CS ALTERNATE	\$180.34	\$360.68
45	2	EA	13-650-2M	Pipette vol. class A 15 ml ALTERNATE	\$246.91	\$493.82
46	2	EA	13-650-2N	Pipette vol. class A 20 ml ALTERNATE	\$26.78	\$53.56
47	2	EA	13-650-2 P	Pipette vol. class A 25 ml ALTERNATE	\$281.90	\$563.80
48	2	EA	13-650-2 S	Pipette vol. class A 50 ml ALTERNATE	\$37.69	\$75.38
49	1	CS	13-650-2 F	Pipette vol. class A 5 ml 12/CS ALTERNATE	\$161.95	\$161.95
50	2	EA	13688226	Dispenser ADJ 0.2-2.0 ml ALTERNATE	\$493.72	\$987.44
51	1	EA	05-402-48	Pipette adjustable vol. 10-100 μ L ALTERNATE	\$399.43	\$399.43
52	1	EA	05-402-50	Pipette ADJSTBL VLM 100-1000 μ L ALTERNATE	\$399.43	\$399.43
53	1	EA	05-402-51	Pipette ADJSTBL VLM 500-2500 μ L ALTERNATE	\$399.43	\$399.43
54	4	CS	05-403-61	EPP PIPE TIPS 2.5 ml 500/CS ALTERNATE	\$102.57	\$410.28
55	4	CS	21-377-1 D	TIP STER 2 IN YL EPPEND 1000/CS	NO BID	
56	5	CS	21-377-1 C	TIP STER 2 13/16 IN EPP 1000/CS	NO BID	
57	4	PK	13-711-21	STD TRANS PIPET STR 7ml 500/PK	\$113.83	\$455.32
58	3	EA	04-343	VERSA-CLEAN 4 liter ALTERNATE	\$75.65	\$226.95
59	2	EA	04-322-4	ALCONOX detergent 4 lb	\$43.67	\$87.34
60	2	EA	04-322-10	ALCOTABS 100 per bottle	\$266.58	\$533.16
61	5	EA	04-355-21	PROGUARD hand cream 16oz. pump	\$148.74	\$743.70
62	12	PK	APPFC04700	GL FBR FLTR C 47mm 100/PK	\$97.85	\$1174.20
63	10	PK	08-732	57 mm Aluminum Weigh Dish ALTERNATE	\$30.81	\$308.10
64	12	EA	18-999-944E	Lab Coats XL ALTERNATE	\$27.03	\$324.36
65	12	EA	18-999-944F	Lab Coats 2XL ALTERNATE	\$33.26	\$399.12
66	5	PK	07-144-38	1" x 150mm Test Tube Cell for Spec 20 D	\$446.64	\$2233.20
67	5	PK	1437731T	Spec 20 Tungsten Lamp	NO BID	

68	300	EA	RCC130-1	4L Acetic Acid 5%	ALTERNATE	\$74.16	\$22,248.00
69	300	EA	RCC3819-1	4L Hydrogen Peroxide 3%	ALTERNATE	\$158.02	\$47,406.00
70	2	EA	S466-500	Sodium Thiosulfate Anhydrous (500g)	ALTERNATE	\$16.65	\$33.30
71	15	EA	09-328-12	Conduct One-Shot 1413 FSR 6/PK	ALTERNATE	\$41.96	\$629.40

GRAND TOTAL \$110,737.30

Respectfully Submitted:

Randy Gilliland
(Signature)

Randy Gilliland

(Print Name Above)

Thomas Scientific, LLC.

(Company)

Person to Contact: Bid Coordinator: quotes@thomassci.com

Robert Pellicane, robert.pellicane@thomassci.com

Telephone Number: (833) 544-7447

Item No.	Qty.	Unit	Catalog No.	Description	Unit Price	Total Price	Thomas Part #	Exact or Alternat	Thomas Description	Thomas UOM	Thomas UOM Qty	Thomas Supplier	Supplier part #
1	2	EA	12-641-872	Fluoride CT STD 100 PPM IPT	90.64	181.28	4210F30	Exact	FLUORIDE ACTV/STD. 100PPM IPT	BT	1	Thermo Orion	940907
2	2	EA	12-641-924	Nitrate as nitrogen STD 475 ml - shelf life 1 year	105.19	210.38	0732L81	Exact	NITRATE STND.100PPM 475ML BOTT	EA	1	Thermo Orion	930707
3	10	CS	12-641-873	TSAB II for Fluoride 1. gallon 4/CS	655.21	6552.10	0721040	Exact	TSAB BUFFER 3.8L	CS	4	Thermo Orion	940999
4	2	EA	12-641-850	INTERTECHNIK TESTER 1000PPM 1773	107.08	214.16	0732H19	Exact	TSA NITRATE 475ML	BT	1	Thermo Orion	930711
5	2	EA	S495-500	SOD CARBONATE ANHYD HPLC 500G	115.53	237.06	C709H15	Alternate	SODIUM CARBONATE RE A/NHY PO 500GM	EA	1	AVANTOR (lit Baker)	3602-01
6	5	CS	SA 226-4	Sulfuric acid SOL N/50 CR 4L hazardous material 4/CS	105.97	519.85	C841F56	Alternate	SULFURIC ACID, 6.0 N 4 L UN2796 8/l	EA	1	GFS CHEMICALS INC	20262
7	3	EA	A510 500	Sulfuric acid TRACE MTL 500ml. Hazardous material	125.62	370.86	C001C01	Alternate	SULFACID SX1247 OMNI 500ML UN1830 8 FG2	EA	1	EMD MILLIPORE CORPORATION	SX1247-1
8	5	EA	A467-250	Nitric acid TRACE metals 500ml. (hazardous material)	921.70	4508.50	C769P32	Alternate	Nitric Acid, Double Distilled - 250 ml UN2031	EA	1	SPECTRUM CHEMICALS	N1078-250ML
9	5	EA	A509-500	Nitric acid TRACE metals 500ml. (hazardous material)	105.99	544.95	C832V36	Alternate	NITRIC ACID 65-70% 99.999% 500ML UN2031	EA	1	Bearntown Chemical Corporation	123485-500ML
10	3	EA	LC 13-300-1	COLOR STD 500 units 500 ml Hazardous material shelf life 2 years	342.58	1027.74	C997060	Exact	COLOR STANDARD, Pt-Co, 500 units, 500ml	EA	1	LABCHEM, INC.	LC133001
11	2	EA	ss 82-1	Silver nitrate SOL CR A/PHA 1L - Shelf life 2 years	54.68	109.36	C996A25	Alternate	SILVER NITRATE, 0.0141N (0.0141M), 1L	EA	1	LABCHEM, INC.	LC226002
12	50	EA	LC18-540-2	Buffer Phosphate for DPD analysis of chlorine residual H2bottles - Shelf life 2 years	51.48	2574.00	C997W97	Exact	BUFFER PHOSPHATE-CHLORINE, 1L	EA	1	LABCHEM, INC.	LC185402
13	3	EA	Q2-793-500	Ethylenediamine Tetraacetic acid, 500g	NO BID								
14	12	CS	02-358-25	Hydronium Tetrahydrofuranamine chelate 50g	NO BID								
15	10	EA	LC 19-70C-1	Potassium Iodide 0.5% 500 ml	459.10	4590.10	C997Z03	Exact	POTASSIUM IODIDE 0.5% W/V, 500ml	EA	1	LABCHEM, INC.	LC197001
16	2	EA	09-330-1	Color SOL RED-STOP FISHER - Hazardous material	32.29	64.58	1235C98	Alternate	Redi-Stor™ Conductivity Probe Storage solution, 16 oz Bottle	EA	1	Thomas Scientific Brand	1235C98
17	15	PK	09-328-7	CONDUCT ONE-SHOT 100 UMHCS 6/PK- Shelf life 1 year	41.96	629.40	3239M55	Alternate	COND. ONE-SHOT 100 US PK.5 - NON	PK	6	Thomas Scientific Brand	3239M55
18	1	PK	02-555-20A	Kinax® Brand heavy-duty Beakers (250 ml).	151.71	151.71	1532R06	Exact	BEAKER 250 ML.. PK 12	PK	12	DWK Life Sciences, LLC	1405-250
19	1	PK	02-555-20E	Kinax® Brand heavy-duty Beakers (1000 ml)	213.15	213.15	1532R46	Exact	BEAKER 1000 ML. PK 6	PK	6	DWK Life Sciences, LLC	1405-1000
20	1	PK	02-591-10D	Naigene® Polypropylene Griffin Beakers, G PP	NO BID								
21	6	CS	08-553-5	Pyrex® Brand Certified/ Serialized Class A	126.32	721.92	3566D18	Exact	CYLINDER.25ML CASE 1	CS	1	CORNING LIFE SCIENCES	3062-25
22	6	CS	08-553-5A	Pyrex® Brand Certified/ Serialized Class A	122.27	733.62	3566D23	Exact	CYLINDER.50ML CASE 1	CS	1	CORNING LIFE SCIENCES	3062-50
23	6	CS	08-553-5B	Pyrex® Brand Certified/ Serialized Class A	130.18	781.08	3566D28	Exact	CYLINDER.100ML CASE 1	CS	1	CORNING LIFE SCIENCES	3062-100
24	5	CS	08-553-5E	Pyrex® Brand Certified/ Serialized Class A	147.16	735.80	3566D33	Exact	CYLINDER.350ML CASE 1	CS	1	CORNING LIFE SCIENCES	3062-250
25	2	PK	10-091B	Kinax® Flask ERLIM WM- 250ml-12/PK	117.84	235.68	4907H29	Exact	FLASK ERLINMEYER 250ML PK 12	PK	12	DWK Life Sciences, LLC	26650-250
26	2	PK	10-208-E	Kinax® Flask vol. class A 250ml -6/PK	295.53	587.06	4997L30	Exact	FLASK VOLUMETRIC 25 ML PK 6	PK	6	DWK Life Sciences, LLC	28014F-25
27	2	PK	10-208-F	Kinax® Flask vol. class A 50ml -6/PK	48.14	96.28	1141C41	Alternate	50ml. Flask.Vol.HW.W/Mlow/Activclass.A PE	EA	1	CHENGGLASS LIFE SCIENCES, LLC	CG-1620-50
28	5	PK	10-208-G	Kinax® Flask vol. class A 100 ml-6/PK	332.99	1664.95	4997L40	Exact	FLASK VOLUMETRIC 100 ML PK 6	PK	6	DWK Life Sciences, LLC	28014F-100
29	2	PK	10-208-H	Kinax® Flask vol. class A 200 ml -6/PK	339.85	787.70	4997L55	Exact	FLASK VOLUMETRIC 200 ML PK 6	PK	6	DWK Life Sciences, LLC	28014F-200
30	2	PK	10-208-J	Kinax® Flask vol. class A 250 ml 6/PK	600.81	1201.62	4997L55	Exact	FLASK VOLUMETRIC 250 ML PK 6	PK	6	DWK Life Sciences, LLC	28014F-250
31	2	PK	10-208-K	Kinax® Flask vol. class A 500 ml 6/PK	737.70	1475.40	4997L60	Exact	FLASK VOLUMETRIC 500 ML PK 6	PK	6	DWK Life Sciences, LLC	28014F-500
32	5	EA	10-208-L	Kinax® Flask vol. class A 1000 ml	106.86	534.30	4997L60	Exact	FLASK VOLUMETRIC 1000 ML	EA	1	DWK Life Sciences, LLC	28014F-1000
33	3	EA	10-208-M	Kinax® Flask vol. class A-2000 ml	194.86	575.58	4997L65	Exact	FLASK VOLUMETRIC 2000 ML	EA	1	DWK Life Sciences, LLC	28014F-2000
34	4	PK	19-041-171B	Nitrile Examination gloves-200/pk. Shelf life	9.36	37.44	20A00U887	Alternate	Nitrile Exam Glove Blue Size SM, 200/pk, 2000/Cs	PK	200	Thomas Scientific Brand	20A00U887

Item No.	Qty.	Unit	Catalog No.	Description	Unit Price	Total Price	Thomas Part #	Exact or Alternat	Thomas Description	Thomas UOM	Thomas Qty	Thomas Supplier	Supplier part #
35	4	PK	19-041-171C	Nitrile Examination gloves -200/pk. Shelf life 1 year	9.36	37.44	20A00U888	Alternate	Nitrile Exam Glove Blue Size MD, 200/pk, 2009/cs	PK	200	Thomas Scientific Brand	20A00U888
36	4	PK	19-041-171D	Nitrile Examination gloves -200/pk. Shelf life 1 year	9.36	37.44	20A00U889	Alternate	Nitrile Exam Glove Blue Size LG, 200/pk, 2009/cs	PK	200	Thomas Scientific Brand	20A00U889
37	4	PK	19-041-171E	Nitrile Examination gloves 180/pk. Shelf life 1 year	9.36	37.44	20A00U890	Alternate	Nitrile Exam Glove Blue Size XL, 180/pk, 1800/cs	PK	180	Thomas Scientific Brand	20A00U890
38	3	EA	11-877-35	Brother TZ Tap "Y" BLK WHT F/PT 540/340/200 NO BID	9.36	27.09							
39	3	EA	11-877-34	Brother TZ Tap #2 BLK CLR F/PT 540/340/200 NO BID	9.36	27.09							
40	1	CS	13-678-1 ID	Pipette SERO STI 5XL/10 ml 200/cs	128.27	128.27	7536R32	Alternate	PIPETTE,5ML,PPW,PS,IND,50BAQ/200	CS	200	CORNING LIFE SCIENCES	4487
41	1	CS	13-678-1 IE	Pipette SERO STI 10X1/10 ml 200/cs	135.17	135.17	7536R37	Alternate	PIPETTE,10ML,PPW,PS,IND,50BAQ/200	CS	200	CORNING LIFE SCIENCES	4488
42	1	CS	13-675 M	Pipette SERO 10 ml in 1/10 12/cs	218.74	218.74	7543J85	Alternate	PIPET 10ML IN 1/10 CS12	CS	12	DWK Life Sciences, LLC	37034A-10
43	1	CS	13-675 N	Pipette SERO 25 ml in 1/10 12/cs	198.84	198.84	7543N67	Alternate	PIEROGICAL PIPET 25 ML CS 6	CS	6	DWK Life Sciences, LLC	37034B-25
44	2	CS	13-650-2 L	Pipette vol. A class 10 ml 12/cs	180.34	360.68	7405E67	Alternate	PIPET VOLUMETRIC 10ML CS 12	CS	12	CORNING LIFE SCIENCES	7100-10
45	2	EA	13-650-2M	Pipette vol. class A 15 ml	246.91	493.82	7406E73	Alternate	PIPET VOLUMETRIC 15ML CS 12	CS	12	CORNING LIFE SCIENCES	7100-15
46	2	EA	13-650-2N	Pipette vol. class A 20 ml	26.78	53.56	7406E77	Alternate	PIPET TRANSFER 20ML	EA	1	CORNING LIFE SCIENCES	7100-20
47	2	EA	13-650-2 P	Pipette vol. class A 25 ml	281.90	563.80	7406E85	Alternate	PIPET VOLUMETRIC 25ML CS 12	CS	12	CORNING LIFE SCIENCES	7100-25
48	2	EA	13-650-2 S	Pipette vol. class A 50 ml	37.69	75.38	7406F17	Alternate	PIPET TRANSFER 50ML	EA	1	CORNING LIFE SCIENCES	7100-50
49	1	CS	13-650-2 F	Pipette vol. class A 5 ml 12/cs	161.95	161.95	7406E37	Alternate	PIPET VOLUMETRIC 5ML CS 12	CS	12	CORNING LIFE SCIENCES	7100-5
50	2	EA	13683226	Dispenser ADJ 0.2-2.0 ml	493.72	987.44	1183C69	Alternate	DISPENSETTE S ANALOG 0.2-2.0ML	EA	1	BRANDTECH SCIENTIFIC	4600120
51	1	EA	05-402-48	Pipette adjustable vol. 10-100 uL	399.43	399.43	1226R11	Alternate	PIPETTE RESEARCH PLUS YLW 10-100uL	EA	1	EPENDORF NORTH AMERICA	3123000047
52	1	EA	05-402-50	Pipette ADJ STBL VLM 100-1000 uL	399.43	399.43	1226R14	Alternate	PIPETTE RESEARCH PLUS BLUE 100-1000uL	EA	1	EPENDORF NORTH AMERICA	3123000063
53	1	EA	05-402-51	Pipette ADJ STBL VLM 500-2500 uL	399.43	399.43	1226R15	Alternate	PIPETTE RESEARCH PLUS VLT 0.5 - 5mL	EA	1	EPENDORF NORTH AMERICA	3123000071
54	4	CS	05-403-61	EPP PIPE TIPS 2.5 ml 500/cs	102.57	410.28	7732D19	Alternate	EPTIP 500-2500UL BULK 500	CS	1000	EPENDORF NORTH AMERICA	022492071
55	4	CS	21-377-1 D	TISTER 2 IN YL EPEND 1000/cs	NO BID								
56	5	CS	21-377-1 C	TISTER 2 13/16 IN EPP 1000/cs	NO BID								
57	4	PK	13-711-21	STD TRANS PIPET STR 7ml 500/pk	113.83	455.32	N2C2	Exact	7.7mL GenPurp Transfer Std Bulb, S,Ind	PK	500	MOLECULAR BIO-PRODUCTS	202-1S
58	3	EA	04-3243	VERSA CLEAN 4 liter	75.65	226.95	1104A	Exact	Aqueous Cleaner for Hard Surfaces and Glass, 0.1micron	EA	1	MicroNova Manufacturing Inc.	NC2-G
59	2	EA	04-322-4	ALCONOX detergent 4 lb	43.67	87.34	9883D19	Exact	Detergent, Critical Cleaning Tablets, Alcotabs, 100 Tablets	CS	6	ALCONOX INC	1500
60	2	EA	04-322-10	ALCOTABS 100 user bottle	266.58	533.16	1500	Exact	Detergent, Critical Cleaning Tablets, Alcotabs, 100 Tablets	CS	6	ALCONOX INC	1500
61	5	EA	04-355-21	PROGUARD hand cream 16oz. oumcs	148.74	743.70	1197G84	Exact	Proguard Pro Handcream 16oz CS6	CS	6	DECON LABORATORIES	9516
62	12	PK	APFC04700	GL FBR FLTR C/7mm 100/PK	97.85	1174.20	1211D40	Exact	GL FBR FLTR C/7MM 100/PK	PK	100	SIGMA-ALDRICH CORPORATION	APFC04700
63	10	PK	08-732	57 mm Aluminum Weilh Dish	30.81	308.10	9883D19	Alternate	57mm SMOOTH ALUMINUM WEIGHT DISH PK 100	PK	100	SIGMA-ALDRICH CORPORATION	9885D19
64	12	EA	18-999-944E	Lab Coats XL	27.03	324.36	1233H97	Alternate	LABCOAT 65/35 XLARGE	EA	1	WORKLON-SUPERIOR GROUP	3495
65	12	EA	18-999-944F	Lab Coats 2XL	33.26	399.12	1233H98	Alternate	WHITE LAB COAT MF XXL	EA	1	WORKLON-SUPERIOR GROUP	3495
66	5	PK	07-144-38	1" x 150mm test Tube Cell for Spec20 D	446.64	2233.20	8420R50	Exact	TEST TUBE 8ML 1X6-IN PK12	PK	12	THERMO ELECTRON	331782-000
67	5	PK	143773.1T	Spec 20 Jungsten Lamp	NO BID								
68	300	EA	RCC110-1	4L Acetic Acid %	74.16	22248.00	C755V77	Alternate	Acetic Acid, 5% (v/v), 4L	EA	1	Reagents Holdings LLC	CA008700-4A
69	300	EA	RCC3819-1	4L Hydrogen Peroxide 3%	156.02	47406.00	C841G00	Alternate	HYDROGEN PEROXIDE, 3% 4 L	EA	1	Reagents Holdings LLC	43981
70	2	EA	S46-500	Sodium Thiosulfate Anhydrous (500g)	16.65	33.30	CHM00D635	Alternate	SODIUM THIOSULFATE ANHYDROUS R/G 500G	EA	1	Gateway Chemicals Auton Conf IS28194	3239M65
71	15	EA	09-328-12	Conduct One-Shot 1413 FSR 6/PK	41.96	629.40	3239M65	Alternate	COND. ONE-SHOT 1413 us PK6	PK	6	Thomas Scientific Brand	