



ENVIRONMENTAL SCIENCE EDUCATION PRODUCTS

2020

Reagent Refills, Parts & Accessories

How to Use This List

Kits are listed by code number. Each kit is followed by the reagents, parts and accessories that can be reordered as individual parts. The last column [Exp/yrs] refers to the maximum shelf life from the manufacture date. See back cover for more details.

Reagent codes are followed by a letter which indicate the size in milliliters or grams. Please include the appropriate letter suffix with the reagent code when placing an order.

SDS information and most instructions can be found on our website, www.lamotte.com.

Go to <http://www.lamotte.com/en/education> for a downloadable file of this price list.

Complete Reagent Refill

To reorder a complete refill:
Use R- and the kit code.
R-3632-01

Individual Reagent Refill

To reorder reagents or parts:
Use the 4 digit code number
on the reagent bottle or the
code number in the contents
list on the instructions.
3997-J

Suffix Codes

-A	1	1 mL	1 gram
-B	2	2 mL	2 grams
-C	5	5 mL	5 grams
-D	10	10 mL	10 grams
-E	15	15 mL	15 grams
-F	20	20 mL	20 grams
-G	30	25-30 mL	25-30 grams
-H	60	50-60 mL	50-60 grams
-J	120	100-120 mL	100-120 grams
-K	250	250-285 mL	200-250 grams
-L	500	470-525 mL	450-500 grams
-M	1000	950-1000 mL	---
-N	---	3800 mL	---

QUANTITY	CONTENTS	CODE
120 mL	*Mo Buffer	*3997-J
60 mL	*Denatured Alcohol	*3998-H
60 mL	Mo Titrant	3999-H
0.25 g	Sym-Diphenylcarbazone	4001-S
1	Pipet, 1.0 mL, plastic	0354
1	Pipet, 1.0 mL, plastic, w/cap	0372
1	Pipet, plain, glass, w/cap	0371
2	Test Tubes, 2.5-5-10-15-20 mL, glass, w/caps	0970-S
1	Plug, dropper tip	28831
1	Cap	28832
1	Label, Mo Indicator	37088-4000-H

VM Phosphate Reagent

18% Sulfuric Acid
CAS# 7664-93-9 <0.1%
Ammonia Metavanadate
CAS# 7803-56-6 ~2.0%
Ammonia Molybdate Tetrahydrate
CAS# 12054-85-2

DANGER
Causes severe skin burns and eye damage. May cause cancer.

4410-L
500 mL

FIRST AID-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary Statements: Response: Immediately call a poison control center or physician. **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not taste or swallow. Do not breathe dust/fume/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. **Disposal:** Dispose of contents/container to an approved waste disposal plant. Storage: Store locked up.

1.7% of the mixture consists of ingredient(s) of unknown toxicity.

LOT# 026508 EXP 8/23

802 Washington Ave, Chestertown MD 21620 USA 410-779-3100 SDS: lamotte.com/ids

For the most current refill information, email or call Customer Service.

800-344-3100 | csr@lamotte.com

100
YEARS 1919
2019

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
1067	Soil Texture Unit		80.00	3119-01	Nitrate-Nitrogen/Phosphate Test Kit		115.20
R-1067	Reagent Refill Only		21.65	R-3119-01	Reagent Refill Only		54.65
5643PS-H	Soil Flocculating Reagent (60 mL)	1	11.40	V-6278-J	Mixed Acid Reagent (120 mL)	1	21.65
5644PS-H	Texture Dispersing Reagent (60 mL)	1	11.40	V-6279-C	Nitrate Reducing Reagent (5 g)	1	12.95
0760	Soil Texture Tube & Cap, 50 mL	3	12.45	V-6282-G	Phosphate Acid Reagent (30 mL)	2	11.85
0372	Pipet & Cap, plastic, 1 mL	2	3.90	V-6283-C	Phosphate Reducing Reagent (5 g)	1	11.20
1053	Soil Texture Stand	1	36.35	0844	Test Tube & Cap	3	4.00
				0699	Spoon, 0.1 g	2	2.80
2109-01	Bromthymol Blue Test Kit		45.85	0354	Pipet, plastic, 1.0 mL	1	3.55
2210-G	Bromthymol Blue Indicator (30 mL)	1	8.60	1102	Low Range Comparator Viewer	1	40.90
0106	Test Tube & Cap	2	3.80	3120-01	Nitrate-N/Phosphate LR Comparator Bar	1	46.70
2184-01	Bromthymol Blue Octa-Slide 2 Bar	1	23.95				
1101	Octa-Slide 2 Viewer	1	19.05	3121-02	Phosphate LR Test Kit		99.25
				R-3121-01	Reagent Refill Only		30.80
2110-01	Phenol Red Test Kit		45.85	V-6282-G	Phosphate Acid Reagent (30 mL)	2	11.85
2211-G	Phenol Red Indicator (30 mL)	1	8.60	V-6283-C	Phosphate Reducing Reagent (5 g)	1	11.20
0106	Test Tube & Cap	2	3.80	3122-01	Phosphate LR Comparator Bar	1	46.40
2185-01	Phenol Red Octa-Slide 2 Bar	1	24.85	1102	Low Range Comparator Viewer	1	40.90
1101	Octa-Slide 2 Viewer	1	19.05	0843	Test Tube & Cap	2	4.00
				0354	Pipet, plastic, 1.0 mL	1	3.55
2111-01	Cresol Red Test Kit		45.85	0699	Spoon, 0.1 g	1	2.80
2212-G	Cresol Red Indicator (30 mL)	1	8.30				
0106	Test Tube & Cap	2	3.80	3304-02	Ammonia-Nitrogen Test Kit		98.90
2186-01	Cresol Red Octa-Slide 2 Bar	1	24.85	R-3304	Reagent Refill Only		45.55
1101	Octa-Slide 2 Viewer	1	19.05	3978LWT-H	Salicylate Ammonia #1 (60 mL)	1	18.90
				3979WT-G	Salicylate Ammonia #2 (30 mL)	1	10.75
2112-01	Thymol Blue Test Kit		45.85	3982WT-G	Salicylate Ammonia #3 (30 mL)	1	10.75
2213-G	Thymol Blue Indicator (30 mL)	1	8.75	0106	Test Tube & Cap	2	3.80
0106	Test Tube & Cap	2	3.80	3441-01-FW	Ammonia-N Octa-Slide 2 Bar, Fresh Water	1	24.85
2187-01	Thymol Blue Octa-Slide 2 Bar	1	24.85	3441-01-SW	Ammonia-N Octa-Slide 2 Bar, Salt Water	1	24.85
1101	Octa-Slide 2 Viewer	1	19.05	1101	Octa-Slide 2 Viewer	1	19.05
3-5880	Soil N-P-K Kit		32.50	3308-01	Chlorine Test Kit		81.10
3703A-H	Nitrate Wide Range TesTabs (50)	1	15.15	6999A-H	Chlorine DPD #1R Visual TesTabs (50)	1	10.30
5422A-H	Phosphorus TesTabs (50)	1	13.60	6905A-H	Chlorine DPD #3R Visual TesTabs (50)	1	10.30
5424A-H	Potassium TesTabs (50)	1	17.50	0106	Test Tube & Cap	2	3.80
5504A-J	Floc-Ex TesTabs (100)	1	27.25	3401-01	Chlorine Octa-Slide 2 Bar	1	24.85
0725-NC	Test Tube, 30 mL	1	1.90	1101	Octa-Slide 2 Viewer	1	19.05
28709	Snap Cap		0.45				
0106	Test Tube & Cap	3	3.80	3347-01	Iron Test Kit		118.15
30444	Pipet, plastic, 7.5 mL	1	0.35	R-3347	Reagent Refill Only		33.95
1382	Color Chart, N-P-K	1	10.95	4450-G	Iron Reagent #1 (30 mL)	1	9.70
0106-FP	Protective Sleeve for Nitrate CTA Test	1	0.30	4451-S	Iron Reagent #2 Powder (4.5 g)	1	16.95
				4453-S	Ferrous Iron Reagent (4.5 g)	1	10.40
3-5886	Earth Force Low Cost Water Monitoring Kit		43.75	0696	Spoon, 0.05 g	2	2.80
3703A-H	Nitrate Wide Range TesTabs (50)		15.15	0106	Test Tube & Cap	2	3.80
3976A-H	Dissolved Oxygen TesTabs (50)		13.25	4448-01	Iron Octa-Slide 2 Bar	1	24.85
5422A-H	Phosphorus TesTabs (50)		13.60	1101	Octa-Slide 2 Viewer	1	19.05
6459A-H	Wide Range pH TesTabs (50)		16.35				
0106	Test Tube & Cap	4	3.80	3354-01	Nitrate-Nitrogen Test Kit		66.35
0125	Glass Vial & Cap	2	2.70	R-3354	Reagent Refill Only		26.75
31822	Thermometer Strip (14-40°C)	1	3.90	2799A-H	Nitrate #1 TesTabs (50)	1	13.00
31821	Thermometer Strip (0-12°C)	1	3.90	NN-3703A-H	Nitrate #2 CTA TesTabs (50)	1	14.95
5886-STICKER	Secchi Disk Sticker	1	0.25	0106	Test Tube & Cap	2	3.80
5850	Coliform Bacteria Module (44 tubes)		127.00	3494-01	Nitrate-N Octa-Slide 2 Bar	1	24.85
5886-CC-10	Color Chart, EarthForce Low Cost Kit (10)		45.60	1101	Octa-Slide 2 Viewer	1	19.05
0106-FP	Protective Sleeve for Nitrate CTA Test	2	0.30	0106-FP	Protective Sleeve for Nitrate CTA Test	1	0.30
3110-01	Nitrate Nitrogen Test Kit		93.10	3519-01	Nitrate-Nitrogen Test Kit		139.40
R-3110	Refill-Model NCR		37.85	R-3519	Reagent Refill Only		66.70
V-6278-H	Mixed Acid Reagent (60 mL)	2	13.60	V-6278-J	Mixed Acid Reagent (120 mL)	2	21.65
V-6279-C	Nitrate Reducing Reagent (5 g)	1	12.95	V-6279-C	Nitrate Reducing Reagent (5 g)	1	12.95
0699	Spoon, 0.1 g	1	2.80	V-6281-C	Color Developing Reagent (5 g)	1	12.95
0106	Test Tube & Cap	2	3.80	0106	Test Tube & Cap	3	3.80
0688	Water Sample Bottle, 2 oz	1	3.75	0699	Spoon, 0.1 g	2	2.80
3109-01	Nitrate-N Octa-Slide 2 Bar	1	24.85	0688	Water Sample Bottle, 2 oz	1	3.75
0692	Dispenser Cap	1	1.30	3109-01	Nitrate-N Octa-Slide 2 Bar	1	24.85
1101	Octa-Slide 2 Viewer	1	19.05	0692	Dispenser Cap	1	1.30
				1101	Octa-Slide 2 Viewer	1	19.05

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
3561-01	Hydroponics Outfit		367.00	3615-01	Nitrate-Nitrogen Test Kit		104.00
R-3561	Reagent Refill Only		135.55	R-3615-01	Reagent Refill Only		41.40
V-6278-H	Mixed Acid Reagent [60 mL]	1	13.60	V-6278-J	Mixed Acid Reagent [120 mL]	2	21.65
V-6279-C	Nitrate Reducing Reagent [5 g]	1	12.95	V-6279-D	Nitrate Reducing Reagent [10 g]	1	18.55
4004WT-G	Sodium Hydroxide 1.0N [30 mL]	1	8.20	0699	Spoon, 0.1 g	1	2.80
4410-H	VM Phosphate Reagent [60 mL]	1	9.85	0898	Test Tube & Cap, glass	2	3.85
2218-G	Wide Range pH Indicator [30 mL]	1	8.40	0688	Water Sample Bottle, 2 oz	1	3.75
4259-E	Sodium Hydroxide Reagent [15 mL]	1	7.75	3614-01	Nitrate-N LR Comparator Bar	1	48.60
6364-C	Tetraphenylboron Powder [5 g]	1	46.70	0692	Dispenser Cap	1	1.30
6130WT-H	Hydrochloric Acid 1N [60 mL]	1	8.75	0353	Pipet, plastic, 0.5 mL	1	3.55
0106	Test Tube & Cap	6	3.80	1102	Low Range Comparator Viewer	1	40.90
0699	Spoon, 0.1 g	1	2.80				
1101	Octa-Slide 2 Viewer	1	19.05	3633-05	Fresh Water Aquaculture Outfit, AQ-2		290.00
3109-01	Nitrate-N Octa-Slide 2 Bar	1	24.85	R-3633-05	Reagent Refill Only		190.75
0354	Pipet, plastic, 1.0 mL	1	3.55	2218-G	Wide Range pH Indicator [30 mL]	1	8.40
5305-01	Phosphorus Octa-Slide 2 Bar	1	24.85	3978LWT-H	Salicylate Ammonia #1 [60 mL]	1	18.90
3424-01	pH Wide Range Octa-Slide 2 Bar	1	24.85	3979WT-G	Salicylate Ammonia #2 [30 mL]	1	10.75
0780	Potassium Double Tube	1	11.10	3982WT-G	Salicylate Ammonia #3 [30 mL]	1	10.75
0696	Spoon, 0.05 g	1	2.80	V-6278-H	Mixed Acid Reagent [60 mL]	2	13.60
0514	Test Tube Brush	1	3.85	V-6281-D	Color Developing Reagent [10 g]	1	19.05
1152	Deminerlizer Bottle, 100 mL	1	23.25	2311-PG-E	BCG-MR Indicator [15 mL]	1	9.70
0417	Graduated Cylinder, glass, 25 mL	1	29.50	4493DR-H	Alkalinity Titration Reagent B [60 mL]	1	9.85
				2246-E	Phenolphthalein Indicator 1% [15 mL]	1	5.95
3588-02	Manganese Test Kit		146.00	4504-E	Chloride Reagent 1 [15 mL]	1	8.40
R-3588-01	Reagent Refill Only		67.10	4505DR-H	Chloride Reagent 2 [60 mL]	1	12.45
4255-H	Hardness Buffer Reagent [60 mL]	1	11.65	6090-E	Sulfuric Acid 0.5N [15 mL]	1	9.05
3956-G	Manganese Indicator Reagent [30 mL]	1	12.70	4483-E	Hardness Reagent 5 [15 mL]	1	7.75
6203-J	Chloroform Reagent, 100 mL	1	26.85	4485-E	Hardness Reagent 6 [15 mL]	1	8.50
2785-E	Metal Inhibitor [15 mL]	1	17.25	4487DR-H	Hardness Reagent 7 [60 mL]	1	9.30
0372	Pipet & Cap, plastic, 1 mL	1	3.90	4169-H	Sodium Thiosulfate .025N [60 mL]	1	10.45
0369	Pipet & Cap, plastic, 0.5 mL	1	3.90	4167-G	Manganous Sulfate Solution [30 mL]	1	10.50
0354	Pipet, plastic, 1.0 mL	1	3.55	7166-G	Alkaline Potassium Iodide-Azide Reagent [30 mL]	1	13.80
3594-01	Manganese Octa-Slide 2 Bar	1	24.85	6141WT-G	Sulfuric Acid 1:1 [30 mL]	1	9.45
0893	Test Tube & Cap, glass	2	3.70	4170WT-G	Starch Indicator Solution [30 mL]	1	8.10
1101	Octa-Slide 2 Viewer	1	19.05	4253DR-H	Carbon Dioxide Reagent B [60 mL]	1	11.15
				0688	Water Sample Bottle, 2 oz	1	3.75
3604-01	Acid Rain Study Outfit		77.15	0106	Test Tube & Cap	4	3.80
2218-G	Wide Range pH Indicator [30 mL]	2	8.40	3483-01	Wide Range pH Octa-Slide 2 Bar	1	24.85
0106	Test Tube & Cap	2	3.80	3441-01-FW	Ammonia-N Octa-Slide 2 Bar, Fresh Water	1	24.85
2193-01	Wide Range Octa-Slide 2 Bar, pH 3.0-6.5	1	24.85	3437-01	Nitrite-N Octa-Slide 2 Bar	1	24.85
1047	Rain Gauge	1	18.25	1101	Octa-Slide 2 Viewer	1	19.05
2196-01	Wide Range Octa-Slide 2 Bar, pH 7.0-10.5	1	24.85	1066	Armored Thermometer	1	26.70
1101	Octa-Slide 2 Viewer	1	19.05	0699	Spoon, 0.1 g	1	2.80
				0608	Test Tube & Cap, glass	2	4.00
3608	Tapwater Tour [see 5972 Digital Version]		-	0382	Direct Reading Titrator, 0-200	3	7.50
R-3608	Reagent Refill Only		69.00	0380	Direct Reading Titrator, 0-50	1	7.50
6459A-J	Wide Range pH TesTabs [100]	1	29.85	0353	Pipet, plastic, 0.5 mL	1	3.55
3725A-J	Iron LR TesTabs [100]	1	21.05	0688-00	Water Sample Bottle, 60 mL	1	5.95
6899A-J	Chlorine DPD #4R Visual TesTabs [100]	1	16.80	0377	Direct Reading Titrator, 0-10	1	7.50
6917A-J	Hardness T [HR] TesTabs [100]	1	24.10	0692	Dispenser Cap	1	1.30
3701A-H	Copper HR TesTabs [50]	1	17.50				
0793-H	Plastic Sample Bags [50]	1	25.50				
1381	Tapwater Tour Color Chart Poster	1	12.95				
3609-01	Calcium Hardness Test Kit		60.05				
R-3609	Reagent Refill Only		26.00				
4259-E	Sodium Hydroxide Reagent [15 mL]	1	7.75				
5250A-H	Calcium Hardness Indicator Tablets [50]	1	10.05				
4487DR-H	Hardness Reagent 7 [60 mL]	1	9.30				
0353	Pipet, plastic, 0.5 mL	1	3.55				
0608	Test Tube & Cap, glass	1	4.00				
0382	Direct Reading Titrator, 0-200	1	7.50				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
3635-05	Salt Water Aquaculture Outfit, AQ-4		351.50	4463-01	Silica Test Kit		96.20
R-3635-04	Reagent Refill Only		198.85	R-4463	Reagent Refill Only		33.50
2218-G	Wide Range pH Indicator (30 mL)	1	8.40	4571-G	Silica Reagent 1 (30 mL)	1	8.90
3978LWT-H	Salicylate Ammonia #1 (60 mL)	1	18.90	4467-E	Silica Reagent 2 (15 mL)	1	9.25
3979WT-G	Salicylate Ammonia #2 (30 mL)	1	10.75	4468-E	Silica Reagent 3 (15 mL)	1	9.20
3982WT-G	Salicylate Ammonia #3 (30 mL)	1	10.75	6405-C	Reducing Reagent (5 mL)	1	7.20
V-6278-J	Mixed Acid Reagent (120 mL)	2	21.65	0106	Test Tube & Cap	2	3.80
V-6281-C	Color Developing Reagent (5 g)	1	12.95	0352	Pipet, plastic	1	2.95
V-6279-C	Nitrate Reducing Reagent (5 g)	1	12.95	4465-01	Silica Octa-Slide 2 Bar	1	24.85
2311-PG-E	BCG-MR Indicator (15 mL)	1	9.70	0353	Pipet, plastic, 0.5 mL	1	3.55
4493DR-H	Alkalinity Titration Reagent B (60 mL)	1	9.85	1101	Octa-Slide 2 Viewer	1	19.05
2246-E	Phenolphthalein Indicator 1% (15 mL)	1	5.95	4482-DR-LT-01	Total Hardness Test Kit		54.40
4253DR-H	Carbon Dioxide Reagent B (60 mL)	1	11.15	R-4482-DR-LT	Reagent Refill Only		25.30
7460-E	Salinity Indicator Reagent A (15 mL)	1	10.05	4483-E	Hardness Reagent 5 (15 mL)	1	7.75
7461-H	Salinity Titration Reagent B (60 mL)	1	28.35	4484A-J	Hardness Reagent 6 Tablets (100)	1	8.85
4169-H	Sodium Thiosulfate .025N (60 mL)	1	10.45	4487DR-H	Hardness Reagent 7 (60 mL)	1	9.30
4167-G	Manganous Sulfate Solution (30 mL)	1	10.50	0608	Test Tube & Cap, glass	1	4.00
7166-G	Alkaline Potassium Iodide-Azide Reagent (30 mL)	1	13.80	0382	Direct Reading Titrator, 0-200	1	7.50
6141WT-G	Sulfuric Acid 1:1 (30 mL)	1	9.45	0353	Pipet, plastic, 0.5 mL	1	3.55
4170WT-G	Starch Indicator Solution (30 mL)	1	8.10	4491-DR-01	Alkalinity Test Kit		43.90
0688	Water Sample Bottle, 2 oz	1	3.75	R-4491-DR	Reagent Refill Only		20.80
0106	Test Tube & Cap	5	3.80	2311A-H	BCG-MR Indicator Tablets (50)	1	9.35
3483-01	Wide Range pH Octa-Slide 2 Bar	1	24.85	4493DR-H	Alkalinity Titration Reagent B (60 mL)	1	9.85
3441-01-FW	Ammonia-N Octa-Slide 2 Bar, Fresh Water	1	24.85	0778	Test Tube & Cap, glass	1	4.30
3437-01	Nitrite-N Octa-Slide 2 Bar	1	24.85	0382	Direct Reading Titrator, 0-200	1	7.50
3109-01	Nitrate-N Octa-Slide 2 Bar	1	24.85	4491-CC	Alkalinity Endpoint Color Chart	1	3.55
1101	Octa-Slide 2 Viewer	1	19.05	4503-DR-02	Chloride Test Kit		60.40
0699	Spoon, 0.1 g	2	2.80	R-4503-DR-01	Reagent Refill Only		34.55
0608	Test Tube & Cap, glass	2	4.00	4504-E	Chloride Reagent 1 (15 mL)	1	8.40
1066	Armored Thermometer	1	26.70	2246-E	Phenolphthalein Indicator 1% (15 mL)	1	5.95
1151	Deminerlizer Bottle, 60 mL	1	20.70	6090-E	Sulfuric Acid 0.5N (15 mL)	1	9.05
0376	Direct Reading Titrator, 0-1	1	7.50	4505DR-H	Chloride Reagent 2 (60 mL)	1	12.45
0382	Direct Reading Titrator, 0-200	1	7.50	0382	Direct Reading Titrator, 0-200	1	7.50
0380	Direct Reading Titrator, 0-50	1	7.50	0778	Test Tube & Cap, glass	1	4.30
0378	Direct Reading Titrator, 0-20	1	7.50	4507-02	Detergent Test Kit		80.20
0377	Direct Reading Titrator, 0-10	1	7.50	R-4507-01	Reagent Refill Only		62.65
0688-00	Water Sample Bottle, 60 mL	1	5.95	4508-G	DS Indicator (30 mL)	2	21.30
0692	Dispenser Cap	1	1.30	4509-H	pH Adjustment Powder (50 g)	1	10.95
4430-01	Chromate Test Kit		79.60	4513-E	DS Reference Solution (15 mL)	1	10.75
4431-G	Chromate Indicator Powder (30 g)	1	13.80	0282-NC	Test Tube, QAC Sample	1	3.05
0342	Dropping Pipet, glass	1	6.85	0755	Test Tube & Cap, plastic	1	3.20
4432-01	Sodium Chromate Octa-Slide 2 Bar	1	24.85	0347	Transfer Pipet, glass	1	3.15
0695	Spoon, 0.25 g	1	2.80	0695	Spoon, 0.25 g	1	2.80
0106	Test Tube & Cap	2	3.80	0283-NC	Test Tube, QAC Reference	1	3.05
1101	Octa-Slide 2 Viewer	1	19.05	28560	Cap for 0282 & 0283 tubes	2	0.45
4447-01	Iron Test Kit		67.10	4533-DR-01	Alkalinity Test Kit		68.35
R-4447	Reagent Refill Only		26.00	R-4533-DR	Reagent Refill Only		31.95
4450-G	Iron Reagent #1 (30 mL)	1	9.70	T-2246-J	Phenolphthalein Tablets (100)	1	10.95
4451-S	Iron Reagent #2 Powder (4.5 g)	1	16.95	2311A-J	BCG-MR Indicator Tablets (100)	1	11.15
4448-01	Iron Octa-Slide 2 Bar	1	24.85	4493DR-H	Alkalinity Titration Reagent B (60 mL)	1	9.85
0696	Spoon, 0.05 g	1	2.80	0778	Test Tube & Cap, glass	1	4.30
0106	Test Tube & Cap	2	3.80	0382	Direct Reading Titrator, 0-200	1	7.50
1101	Octa-Slide 2 Viewer	1	19.05	4795-01	Ammonia-Nitrogen Test Kit		94.65
4456-01	Sulfide Test Kit		76.30	R-4795	Reagent Refill Only		30.75
R-4456	Reagent Refill Only		28.60	4797WT-G	Ammonia-Nitrogen Reagent 1 (30 mL)	1	10.75
4458-G	Sulfide Reagent A (30 mL)	1	11.10	4798WT-G	Ammonia-Nitrogen Reagent 2 (30 mL)	1	21.10
4459-E	Sulfide Reagent B (15 mL)	1	9.60	0106	Test Tube & Cap	2	3.80
4460-H	Sulfide Reagent C (60 mL)	1	11.10	4796-01	Ammonia-N Octa-Slide 2 Bar	1	24.85
0354	Pipet, plastic, 1.0 mL	1	3.55	1101	Octa-Slide 2 Viewer	1	19.05
0106	Test Tube & Cap	2	3.80				
4457-01	Sulfide Octa-Slide 2 Bar	1	24.85				
1101	Octa-Slide 2 Viewer	1	19.05				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
4824-DR-LT-01	Hardness Test Kit		74.55	5419	Watershed Tour		102.00
R-4824-DR-LT	Reagent Refill Only		42.80	R-5419	Reagent Refill Only		17.95
4259-E	Sodium Hydroxide Reagent [15 mL]	1	7.75	3976A-J	Dissolved Oxygen TesTabs [100]	1	19.00
5250A-H	Calcium Hardness Indicator Tablets [50]	1	10.05	3703A-H	Nitrate Wide Range TesTabs [50]	1	15.15
4483-E	Hardness Reagent 5 [15 mL]	1	7.75	5421A-H	NutriTab TesTabs [20]	1	12.95
4484A-J	Hardness Reagent 6 Tablets [100]	1	8.85	6459A-H	Wide Range pH TesTabs [50]	1	16.35
4487DR-H	Hardness Reagent 7 [60 mL]	1	9.30	3885A-H	Chloride TesTabs [50]	1	23.25
0608	Test Tube & Cap, glass	1	4.00	5402A-H	7.0 Buffer Tablets [50]	1	22.80
0382	Direct Reading Titrator, 0-200	1	7.50	0106	Test Tube & Cap	24	3.80
0353	Pipet, plastic, 0.5 mL	1	3.55	0125	Glass Vial & Cap	8	2.70
				5419-CC	Watershed Tour Color Chart Poster	1	14.50
5026-01	Plant Macronutrients Kit		138.00	5425-01	Topsoil Tour		94.25
R-5026	Reagent Refill Only		126.55	R-5425-01	Reagent Refill Only		80.50
5227-J	Universal Extracting Solution [120 mL]	2	21.10	5424A-H	Potassium TesTabs [50]	1	17.50
5146-G	Nitrate Reagent 1 [30 mL]	1	15.40	2799A-H	Nitrate #1 TesTabs [50]	1	13.00
5147-G	Nitrate Reagent 2 Powder [30 g]	1	19.15	NN-3703A-H	Nitrate #2 CTA TesTabs [50]	1	14.95
5156-G	Phosphorus Reagent 2 [30 mL]	1	11.10	5422A-H	Phosphorus TesTabs [50]	1	13.60
5706A-H	Phosphorus TesTabs [50]	1	7.80	5503A-H	Soil pH TesTabs [50]	1	12.95
5161A-H	Potassium Reagent B Tablets [50]	1	19.00	5504A-J	Floc-Ex TesTabs [100]	1	27.25
5162-J	Potassium Reagent C [120 mL]	1	11.25	0793-H	Plastic Sample Bags [50]	4	25.50
0459	Funnel, plastic, 37 mL	1	4.45	1560-01	Topsoil Tour Color Chart Poster	1	12.55
0465	Filter Paper, 9 cm [100]	1	13.25				
0245	Test Tube & Cap, Potash A	1	5.25	5560	Milk Microbe Hunter		78.60
0244	Test Tube & Cap, Phosphorus B	1	3.15	5552	BioPaddles TSA/RB [10]		46.50
0704	Extraction Tube & Cap	2	3.05				
0159	Spot Plate	1	8.00	5561	Surface Microbe Hunter		78.60
0698	Spoon, 0.5 g	1	2.80	5552	BioPaddles TSA/RB [10]		46.50
0519	Stirring Rod	1	1.85				
0354	Pipet, plastic, 1.0 mL	2	3.55	5562	Air Microbe Hunter		78.60
0364	Transfer Pipet, plastic	1	3.45	5552	BioPaddles TSA/RB [10]		46.50
0341	Pipet Assembly & Cap, glass	1	3.60				
0392	Pipet & Cap, plastic	1	3.65	5563	Soil Microbe Hunter		78.60
				5552	BioPaddles TSA/RB [10]		46.50
5261-01	Plant Micronutrients Kit		154.85	5565	Food Microbe Hunter		78.60
R-5261	Reagent Refill Only		145.90	5552	BioPaddles TSA/RB [10]		46.50
5262-G	Manganese Reagent 1 [30 mL]	1	12.65				
5263-G	Manganese Reagent 2 [30 mL]	1	11.95	5679-01	Garden Guide Kit		64.50
5264-E	Ferrous Iron Reagent [15 mL]	1	11.15	R-5679	Reagent Refill Only		45.95
5265-E	Ferrous/Ferric Iron Reagent [15 mL]	1	11.15	5701-J	pH Indicator [120 mL]	1	14.75
5267-E	Copper Test Solution [15 mL]	1	11.15	5702-J	Nitrogen Extracting Solution [120 mL]	1	11.95
7393-G	Zinc Reagent Powder [30 g]	1	14.40	5703-D	Nitrogen Indicator Powder [10 g]	1	10.50
5115PS-H	Deionized Water [60 mL]	1	5.45	5704-J	Phosphorus Extracting Solution [120 mL]	1	11.95
5266-H	Copper Test Papers [50]	1	21.10	5705-E	Phosphorus Indicator Reagent [15 mL]	1	10.40
5268-H	Boron Test Papers [50]	1	21.10	5706A-G	Phosphorus TesTabs [25]	1	7.00
0471	Filter Paper, 9 cm [100]	1	28.20	5707-J	Potassium Extracting Solution [120 mL]	1	11.95
1196	Plastic Bags [24]	1	15.15	5708A-G	Potassium Indicator TesTabs [30]	1	7.30
0698	Spoon, 0.5 g	1	2.80	5709-E	Potassium Test Solution [15 mL]	1	10.40
0231	Test Tube & Cap	1	2.95	0514	Test Tube Brush	1	3.85
0354	Pipet, plastic, 1.0 mL	1	3.55	1371	Nitrogen Color Chart	1	3.60
0342	Dropping Pipet, glass	1	6.85	1372	Phosphorus Color Chart	1	3.60
0341	Pipet Assembly & Cap, glass	1	3.60	1352	Potassium Color Chart	1	3.60
0357	Pipet & Cap, plastic	1	3.50	1353	pH Wide Range Color Chart	1	3.60
				0364	Transfer Pipet, plastic	3	3.45
5418	Pondwater Tour		95.00	0695	Spoon, 0.25 g	1	2.80
R-5418	Reagent Refill Only		74.80	0698	Spoon, 0.5 g	1	2.80
2799A-H	Nitrate #1 TesTabs [50]	1	13.00	0755	Test Tube & Cap, plastic	7	3.20
NN-3703A-H	Nitrate #2 CTA TesTabs [50]	1	14.95				
3968A-H	Ammonia #1 TesTabs [50]	1	14.80	5848	Earth Force Standard Water Monitoring Kit		275.50
3969A-H	Ammonia #2 TesTabs [50]	1	13.05	5887	Turbidity Module [no reagents]		40.65
6459A-H	Wide Range pH TesTabs [50]	1	16.35	5889	Dissolved Oxygen/BOD TesTab® Module [100 tests]		40.65
3976A-J	Dissolved Oxygen TesTabs [100]	1	19.00	5891	Nitrate TesTab® Module [100 tests]		34.60
5421A-H	NutriTab TesTabs [20]	1	12.95	5890	pH TesTab® Module [100 tests]		28.45
0793-H	Plastic Sample Bags [50]	1	25.50	5892	Phosphate TesTab® Module [100 tests]		30.00
0125	Glass Vial & Cap	6	2.70	5850	Coliform Bacteria Module [44 tubes]		127.00
1380-01	Pondwater Tour Color Chart Poster	1	12.95				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
5849	TesTabs® Water Investigation Kit [AM-12]		275.00	5860-01	Dissolved Oxygen Test Kit		63.00
5893	Alkalinity TesTab® Module [100 tests]		42.65	R-5860	Reagent Refill Only		39.45
5894	Ammonia TesTab® Module [100 tests]		36.95	4167-G	Manganous Sulfate Solution [30 mL]	1	10.50
5895	Chloride TesTab® Module [100 tests]		36.95	7166-G	Alkaline Potassium Iodide-Azide Reagent [30 mL]	1	13.80
5896	Chlorine TesTab® Module [100 tests]		28.45	6141WT-G	Sulfuric Acid 1:1 [30 mL]	1	9.45
5897	Chromium TesTab® Module [100 tests]		32.55	4169-H	Sodium Thiosulfate .025N [60 mL]	1	10.45
5898	Copper TesTab® Module [100 tests]		26.45	4170WT-G	Starch Indicator Solution [30 mL]	1	8.10
5889	Dissolved Oxygen/BOD TesTab® Module [100 tests]		40.65	0377	Direct Reading Titrator, 0-10	1	7.50
5899	Hardness TesTab® Module [100 tests]		63.70	0608	Test Tube & Cap, glass	1	4.00
5900	Iron TesTab® Module [100 tests]		32.55	0688-00	Water Sample Bottle, 60 mL	1	5.95
5891	Nitrate TesTab® Module [100 tests]		34.60	5864-01	Ammonia-Nitrogen Test Kit		76.95
5890	pH TesTab® Module [100 tests]		28.45	R-5864	Reagent Refill Only		26.45
5892	Phosphate TesTab® Module [100 tests]		30.00	3968A-H	Ammonia #1 TesTabs [50]	1	14.80
5854-02	Shallow Water Monitoring Outfit		304.00	3969A-H	Ammonia #2 TesTabs [50]	1	13.05
R-5854-01	Reagent Refill Only		73.35	0106	Test Tube & Cap	2	3.80
4167-G	Manganous Sulfate Solution [30 mL]	1	10.50	6665-02-CC	Ammonia-N Color Chart	1	18.50
7166-G	Alkaline Potassium Iodide-Azide Reagent [30 mL]	1	13.80	5870-01	Water Quality Educator & Monitoring Outfit, AM-03		443.50
6141WT-G	Sulfuric Acid 1:1 [30 mL]	1	9.45	R-5870	Reagent Refill Only		141.55
4169-H	Sodium Thiosulfate .025N [60 mL]	1	10.45	1066	Armored Thermometer	1	26.70
4170WT-G	Starch Indicator Solution [30 mL]	1	8.10	0688	Water Sample Bottle, 2 oz	1	3.75
7520-H	Standard Turbidity Reagent [60 mL]	1	14.95	3354-01	Nitrate-Nitrogen Test Kit		66.35
2218-G	Wide Range pH Indicator [30 mL]	1	8.40	See individual test kit listings for:			
0377	Direct Reading Titrator, 0-10	1	7.50	4491-DR-01	Alkalinity Test Kit		43.90
0608	Test Tube & Cap, glass	1	4.00	3121-02	Phosphate LR Test Kit		99.25
0688-00	Water Sample Bottle, 60 mL	1	5.95	7519-01	Turbidity Test Kit		86.70
2-2297	Graduated Cylinder, 20 mL	1	15.30	5860-01	Dissolved Oxygen Test Kit		63.00
0513	Test Tube Brush	1	3.70	5858-01	Precision pH Test Kit		46.75
0835	Turbidity Column	2	25.80	5882	Leaf Pack Experiments Stream Ecology Kit		263.00
1114	Stirring Rod	1	3.85	5882-SS6	Leaf Pack Sorting Sheets [6]	1	56.00
0369	Pipet & Cap, plastic, 0.5 mL	1	3.90	5882-SA1	Leaf Pack Flash Cards	1	57.30
0106	Test Tube & Cap	2	3.80	5882-DK-6	Dichotomous Key, laminated, spiral bound, 6/set	1	39.95
1066	Armored Thermometer	1	26.70	31821	Thermometer Strip [0-12°C]	1	3.90
2193-01	Wide Range Octa-Slide 2 Bar, pH 3.0-6.5	1	24.85	31822	Thermometer Strip [14-40°C]	1	3.90
2196-01	Wide Range Octa-Slide 2 Bar, pH 7.0-10.5	1	24.85	5882-LPB	Leaf Pack Bags [30]	1	29.85
1101	Octa-Slide 2 Viewer	1	19.05	5882-DATA-6	Biotic Index Data Sheet, laminated, 6/set		15.60
5857-01	Tidal Water Monitoring Outfit		484.00	5884-01	Earth Force Advanced Water Monitoring Kit		707.00
4167-G	Manganous Sulfate Solution [30 mL]	1	10.50	1066	Armored Thermometer	1	26.70
7166-G	Alkaline Potassium Iodide-Azide Reagent [30 mL]	1	13.80	0688-00	Water Sample Bottle, 60 mL	3	5.95
6141WT-G	Sulfuric Acid 1:1 [30 mL]	1	9.45	See individual test kit listings for:			
4169-H	Sodium Thiosulfate .025N [60 mL]	1	10.45	5860-01	Dissolved Oxygen Test Kit		63.00
4170WT-G	Starch Indicator Solution [30 mL]	1	8.10	3110-01	Nitrate Nitrogen Test Kit		93.10
2218-G	Wide Range pH Indicator [30 mL]	1	8.40	5858-01	Precision pH Test Kit		46.75
0377	Direct Reading Titrator, 0-10	1	7.50	7884	Auxiliary Phosphate Test Kit		172.70
0608	Test Tube & Cap, glass	1	4.00	3121-02	Phosphate LR Test Kit		99.25
0688-00	Water Sample Bottle, 60 mL	2	5.95	7519-01	Turbidity Test Kit		86.70
2-2297	Graduated Cylinder, 20 mL	1	15.30	5902-02	Limnology Outfit, AM-02		552.25
0171-CL	Secchi Disk & Calibrated Line	1	73.65	R-5902-01	Reagent Refill Only		199.85
1066	Armored Thermometer	1	26.70	1583	Water Analysis Report Forms [25]	1	6.00
2193-01	Wide Range Octa-Slide 2 Bar, pH 3.0-6.5	1	24.85	See individual test kit listings for:			
2196-01	Wide Range Octa-Slide 2 Bar, pH 7.0-10.5	1	24.85	5860-01	Dissolved Oxygen Test Kit		63.00
0106	Test Tube & Cap	2	3.80	3119-01	Nitrate-Nitrogen/Phosphate Test Kit		115.20
3-0025	Hydrometer Cylinder	1	81.10	5858-01	Precision pH Test Kit		46.75
1101	Octa-Slide 2 Viewer	1	19.05	4463-01	Silica Test Kit		96.20
5858-01	Precision pH Test Kit		46.75	7297-DR-01	Carbon Dioxide Test Kit		51.25
2218-G	Wide Range pH Indicator [30 mL]	1	8.40	4824-DR-LT-01	Hardness Test Kit		74.55
2193-01	Wide Range Octa-Slide 2 Bar, pH 3.0-6.5	1	24.85				
2196-01	Wide Range Octa-Slide 2 Bar, pH 7.0-10.5	1	24.85				
0106	Test Tube & Cap	1	3.80				
1101	Octa-Slide 2 Viewer	1	19.05				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
Phosphorus				1307-01	Manganese in Soil Color Chart	1	3.60
5156-G	Phosphorus Reagent 2 (30 mL)	1	11.10	0371	Pipet & Cap, glass	1	8.15
5706A-H	Phosphorus TesTabs (50)	1	7.80	0696	Spoon, 0.05 g	1	2.80
5173PS-J	Universal Extracting Solution (120 mL)	1	12.45	1301	Aluminum in Soil Color Chart	1	3.55
5173PT-J	Universal Extracting Solution (120 mL)	1	12.45	1314	Sulfate in Soil Color Chart	1	3.60
0755	Test Tube & Cap, plastic	1	3.20	1348	Ferric Iron in Soil Color Chart	1	3.60
0244	Test Tube & Cap, Phosphorus B	2	3.15	0392	Pipet & Cap, plastic	3	3.65
0459	Funnel, plastic, 37 mL	1	4.45	1582	Soil Analysis Report Forms (25)	1	5.65
0749	Filtrate Test Tube	1	3.55	5939	Shore Tour		111.40
0698	Spoon, 0.5 g	1	2.80	R-5939	Parts Refill Only		30.85
1312	Phosphorus Color Chart	1	3.60	5962	Water Treatment Lab		106.30
0465-H	Filter Paper, 9 cm (50)	1	10.40	6999A-H	Chlorine DPD #1R Visual TesTabs (50)	1	10.30
0341	Pipet Assembly & Cap, glass	1	3.60	5647-E	Hypochlorite Solution (15 mL)	1	10.65
Potassium				5638-H	Charcoal Suspension (60 mL)	1	17.75
5161A-H	Potassium Reagent B Tablets (50)	1	19.00	5633-C	Color-Turbidity Mixture Powder (5 g)	1	8.20
5162-J	Potassium Reagent C (120 mL)	1	11.25	0692	Dispenser Cap	1	1.30
5173PS-J	Universal Extracting Solution (120 mL)	1	12.45	1151	Demineralizer Bottle, 60 mL	1	20.70
5173PT-J	Universal Extracting Solution (120 mL)	4	12.45	0755	Test Tube & Cap, plastic	15	3.20
0246	Test Tube, Potash B	1	5.25	0749	Filtrate Test Tube	15	3.55
0698	Spoon, 0.5 g	1	2.80	0699	Spoon, 0.1 g	1	2.80
0749	Filtrate Test Tube	1	3.55	0465	Filter Paper, 9 cm (100)	1	13.25
0459	Funnel, plastic, 37 mL	1	4.45	5962-LP	Lesson Plan-Water Treatment	1	Free
1107	Potash Reading Plate	1	10.95	5963	Dissolved Oxygen Lab		54.90
0364	Transfer Pipet, plastic	1	3.45	3976A-H	Dissolved Oxygen TesTabs (50)	1	13.25
0465-H	Filter Paper, 9 cm (50)	1	10.40	0125	Glass Vial & Cap	5	2.70
0755	Test Tube & Cap, plastic	4	3.20	5963-LP	Lesson Plan-Dissolved Oxygen	1	Free
0692	Dispenser Cap	1	1.30	5964	Discontinued-Water pH Lab		-
See individual test kit listing for:				5701PS-K	pH Indicator (250 mL)	1	20.80
1067	Soil Texture Unit		80.00	5612-E	Acetic Acid 0.1N (15 mL)	1	12.45
5938-02	Soil Micronutrients		646.00	5614-J	Discontinued	1	-
R-5938-01	Reagent Refill Only		389.10	0698	Spoon, 0.5 g	1	2.80
5173PS-K	Universal Extracting Solution (250 mL)	2	15.40	0692	Dispenser Cap	1	1.30
5173PT-K	Universal Extracting Solution (250 mL)	4	15.95	0755	Test Tube & Cap, plastic	5	3.20
5111-S	Chloride Test Solution (5 mL)	1	13.45	5964-LP	Lesson Plan-Water pH	1	Free
5108PS-G	Calcium Test Solution (30 mL)	1	10.75	5965	Soil pH Lab		68.45
5103WT-G	Ammonia Nitrogen Test Solution (30 mL)	1	14.10	R-5965	Reagent Refill Only		28.30
5151WT-G	Nitrite-Nitrogen Reagent 1 (30 mL)	1	14.00	5701-J	pH Indicator (120 mL)	1	14.75
5152WT-G	Nitrite-Nitrogen Reagent 2 (30 mL)	1	10.75	5711-G	Soil Sample A (30 g)	1	10.95
5153WT-G	Nitrite-Nitrogen Reagent 3 (30 mL)	1	10.75	5712-G	Soil Sample B (30 g)	1	10.95
5116PS-G	Ferric Iron Test Solution (30 mL)	1	13.45	0698	Spoon, 0.5 g	2	2.80
5275-D	Iron Reagent Powder (10 g)	1	10.75	0755	Test Tube & Cap, plastic	5	3.20
5101-G	Aluminum Test Solution (30 mL)	1	10.75	0692	Dispenser Cap	1	1.30
5171-G	Sulfate Test Solution (30 mL)	1	10.75	5965-LP	Lesson Plan-Soil pH	1	Free
5140-G	Magnesium Test Solution 1 (30 mL)	1	10.75	5966	Soil Texture Lab		58.25
5145WT-G	Magnesium & Manganese Test Solution 2 (30 mL)	1	10.75	5644WT-H	Texture Dispersing Reagent (60 mL)	1	11.40
6310-D	Manganese Buffer Reagent (10 g)	1	9.50	25723-JAR	Soil Texture Sample (350 g)	1	10.05
6311-E	Manganese Periodate Reagent (15 g)	1	70.00	0763-NC	Test Tube	5	3.05
0615-J	Soil Sample Bags (100)	1	58.05	28710	Cap	5	0.60
1303	Calcium in Soil Color Chart	1	6.75	0170	Ruler	1	2.55
1304	Chloride in Soil Color Chart	1	4.30	5966-LP	Lesson Plan-Soil Texture	1	Free
0755	Test Tube & Cap, plastic	8	3.20	5967	Tap Water Hardness Lab		114.35
0749	Filtrate Test Tube	2	3.55	5615-G	Soap Reagent Standard (30 mL)	5	10.75
0698	Spoon, 0.5 g	2	2.80	5617-L	Hard Water Standard, 120 ppm (500 mL)	1	13.40
0465	Filter Paper, 9 cm (100)	1	13.25	5630-J	Ion Exchange Resin (100 g)	1	18.70
0364	Transfer Pipet, plastic	5	3.45	0755	Test Tube & Cap, plastic	10	3.20
0242	Test Tube	5	2.15	0701	Test Tube & Cap	10	3.05
0352	Pipet, plastic	3	2.95	0697	Spoon, 1.0 g	1	2.80
1151	Demineralizer Bottle, 60 mL	1	20.70	0364	Transfer Pipet, plastic	5	3.45
0519	Stirring Rod	5	1.85	0392	Pipet & Cap, plastic	5	3.65
0159	Spot Plate	5	8.00	5967-LP	Lesson Plan-Tap Water Hardness	1	Free
0749	Filtrate Test Tube	3	3.55				
0459	Funnel, plastic, 37 mL	3	4.45				
0465-H	Filter Paper, 9 cm (50)	1	10.40				
1302	Ammonia-N in Soil Color Chart	1	3.55				
1310	Nitrite-N Color Chart	1	3.60				
1306	Magnesium in Soil Color Chart	1	3.60				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
5968	Soil Nutrients-Nitrate Lab		96.20	7297-DR-01	Carbon Dioxide Test Kit		51.25
R-5968	Reagent Refill Only		37.30	R-7297-DR	Reagent Refill Only		17.45
5702-K	Nitrogen Extracting Solution (250 mL)	1	15.95	2246-E	Phenolphthalein Indicator 1% (15 mL)	1	5.95
5703-G	Nitrogen Indicator Powder (30 g)	1	14.40	4253DR-H	Carbon Dioxide Reagent B (60 mL)	1	11.15
5713-H	Nitrogen Soil Mixture (60 g)	1	14.60	0380	Direct Reading Titrator, 0-50	1	7.50
0755	Test Tube & Cap, plastic	10	3.20	0608	Test Tube & Cap, glass	1	4.00
0364	Transfer Pipet, plastic	5	3.45				
0698	Spoon, 0.5 g	1	2.80	7387-02	Cyanide Test Kit		180.10
0695	Spoon, 0.25 g	1	2.80	R-7387-01	Reagent Refill Only		102.30
5968-LP	Lesson Plan-Soil Nitrate	1	Free	6130-E	Hydrochloric Acid 1N (15 mL)	1	6.85
				4004-E	Sodium Hydroxide 1.0N (15 mL)	1	7.20
5969	Soil Nutrients-Phosphorus Lab		107.80	2850PS-H	Cyanide Buffer (60 mL)	1	16.00
R-5969	Reagent Refill Only		52.15	2794DS-C	Cyanide Cl Reagent (5 g)	1	12.65
5704-K	Phosphorus Extracting Solution (250 mL)	1	15.40	2793DS-C	Cyanide Indicator Reagent (5 g)	1	28.85
5705-E	Phosphorus Indicator Reagent (15 mL)	1	10.40	2944	pH Short Range Test Paper Roll, 6.5-13	1	21.65
5706A-G	Phosphorus TesTabs (25)	1	7.00	0696	Spoon, 0.05 g	2	2.80
5714-H	Phosphorus Soil Mixture (60 g)	2	14.60	0353	Pipet, plastic, 0.5 mL	1	3.55
0755	Test Tube & Cap, plastic	10	3.20	0106	Test Tube & Cap	2	3.80
0364	Transfer Pipet, plastic	5	3.45	4417-01	Cyanide Octa-Slide 2 Bar	1	24.85
0698	Spoon, 0.5 g	2	2.80	0519	Stirring Rod	1	1.85
5969-LP	Lesson Plan-Soil Phosphorus	1	Free	1101	Octa-Slide 2 Viewer	1	19.05
5970	Soil Nutrients-Potassium Lab		107.80	7391-02	Zinc Test Kit		120.60
R-5970	Reagent Refill Only		59.60	R-7391-01	Reagent Refill Only		31.55
5707-K	Potassium Extracting Solution (250 mL)	1	15.40	7393-G	Zinc Reagent Powder (30 g)	1	14.40
5708A-G	Potassium Indicator TesTabs (30)	1	7.30	7361-E	Zinc Conditioning Reagent (15 mL)	1	11.20
5709-E	Potassium Test Solution (15 mL)	5	10.40	1151	Deminerlizer Bottle, 60 mL	1	20.70
5715-H	Potassium Soil Mixture (60 g)	1	14.60	0698	Spoon, 0.5 g	1	2.80
0755	Test Tube & Cap, plastic	10	3.20	0354	Pipet, plastic, 1.0 mL	1	3.55
0364	Transfer Pipet, plastic	5	3.45	0106	Test Tube & Cap	2	3.80
0698	Spoon, 0.5 g	2	2.80	7392-01	Zinc Octa-Slide 2 Comparator Bar	1	24.85
5970-LP	Lesson Plan-Soil Potassium	1	Free	1101	Octa-Slide 2 Viewer	1	19.05
5971	Nutrients in Water Lab		97.60	7459-02	Salinity Test Kit		81.20
R-5971	Reagent Refill Only		55.05	R-7459-01	Reagent Refill Only		49.10
2799A-H	Nitrate #1 TesTabs (50)	1	13.00	7460-E	Salinity Indicator Reagent A (15 mL)	1	10.05
NN-3703A-H	Nitrate #2 CTA TesTabs (50)	1	14.95	7461DR-G	Salinity Titration Reagent B (30 mL)	2	18.90
5422A-H	Phosphorus TesTabs (50)	1	13.60	0778	Test Tube & Cap, glass	1	4.30
5421A-H	NutriTab TesTabs (20)	1	12.95	0378	Direct Reading Titrator, 0-20	1	7.50
5115PS-K	Deionized Water (250 mL)	1	7.75	0376	Direct Reading Titrator, 0-1	1	7.50
0106	Test Tube & Cap	10	3.80	1151	Deminerlizer Bottle, 60 mL	1	20.70
5971-LP	Lesson Plan-Nutrients in Water	1	Free				
				7519-01	Turbidity Test Kit		86.70
5972	Tapwater Tour - Digital Version		79.95	7520-H	Standard Turbidity Reagent (60 mL)	1	14.95
R-5972	Reagent Refill Only		66.35	0513	Test Tube Brush	1	3.70
6459A-J	Wide Range pH TesTabs (100)	1	29.85	0835	Turbidity Columnn	2	25.80
3725A-J	Iron LR TesTabs (100)	1	21.05	1114	Stirring Rod	1	3.85
6899A-J	Chlorine DPD #4R Visual TesTabs (100)	1	16.80	0369	Pipet & Cap, plastic, 0.5 mL	1	3.90
6917A-J	Hardness T (HR) TesTabs (100)	1	24.10				
3701A-J	Copper HR TesTabs (100)	1	26.75	7778-01	Sulfate Test Kit		131.90
0793-H	Plastic Sample Bags (50)	1	25.50	6456-H	Sulfate Turbidity Tablets (50)	1	46.50
5972-CC	Tapwater Tour Color Chart Poster	1	12.95	0106	Test Tube & Cap	2	3.80
				0175	Tablet Crusher	1	2.25
6616-01	Copper Test Kit		116.80	7779-01	Sulfate Octa-Slide 2 Bar	1	23.95
6446-E	Copper 1 (15 mL)	1	8.60	1101	Octa-Slide 2 Viewer	1	19.05
0844	Test Tube & Cap	3	4.00				
0354	Pipet, plastic, 1.0 mL	1	3.55	7787-01	Iron Test Kit		128.15
6617-01	Copper LR Comparator Bar	1	46.40	R-7787	Reagent Refill Only		26.00
1102	Low Range Comparator Viewer	1	40.90	4450-G	Iron Reagent #1 (30 mL)	1	9.70
				4451-S	Iron Reagent #2 Powder (4.5 g)	1	16.95
7182-01	Acidity Test Kit		50.65	0727	Spoon, 0.15 g	1	3.00
5648-G	Sodium Hydroxide 2.4N (30 mL)	1	12.45	0843	Test Tube & Cap	3	4.00
2258-E	Phenolphthalein Indicator 0.5% (15 mL)	1	6.05	7788-01	Iron LR Comparator Bar	1	50.15
0353	Pipet, plastic, 0.5 mL	1	3.55	1102	Low Range Comparator Viewer	1	40.90
0715	Test Tube & Cap	1	3.75				

Order Code	Description	Qty/Kit	Price	Order Code	Description	Qty/Kit	Price
7884	Auxiliary Phosphate Test Kit		172.70				
R-7884	Reagent Refill Only		71.15				
7885-H	Sulfuric Acid 36% (60 mL)	1	15.75				
7886-J	Sodium Hydroxide Solution 15% (120 mL)	1	15.15				
2246-E	Phenolphthalein Indicator 1% (15 mL)	1	5.95				
6566-G	Ammonium Persulfate Reagent (30 g)	1	13.45				
5115PT-J	Deionized Water (120 mL)	1	6.15				
7888-D	Boiling Stones (10 g)	1	7.00				
0418	Graduated Cylinder, glass, 50 mL	1	32.95				
0459	Funnel, plastic, 37 mL	1	4.45				
0463	Filter Paper, 11 cm (100)	1	14.55				
0431	Flask, Erlenmeyer, glass, 125 mL	2	11.65				
0354	Pipet, plastic, 1.0 mL	2	3.55				
0698	Spoon, 0.5 g	1	2.80				
Common accessories for TesTabs kits:							
0106	Test Tube & Cap		3.80				
0125	Glass Vial & Cap		2.70				
0608	Test Tube & Cap, glass		4.00				
0688	Water Sample Bottle, 2 oz		3.75				
0688-DO	Water Sample Bottle, 60 mL		5.95				
0788	Test Tube & Cap		4.90				
31822	Thermometer Strip (14-40°C)		3.90				
31821	Thermometer Strip (0-12°C)		3.90				
5886-STICKER	Secchi Disk Sticker		0.25				

Are My Reagents Still Good?

VM Phosphate Reagent

18% Sulfuric Acid
CAS# 7664-93-9 <0.1%
Ammonia Metavanadate
CAS# 7803-56-6 <2.0%
Ammonia Molybdate Tetrahydrate
CAS# 12054-85-2

4410-L
500 mL

DANGER

Causes severe skin burns and eye damage. May cause cancer.

FIRST AID-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary Statements: Response: Immediately call a poison control center or physician. **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not taste or swallow. Do not breathe dust/fume/mist/vapor/spray. Wash face, hands and any exposed skin thoroughly after handling. **Disposal:** Dispose of contents/container to an approved waste disposal plant. Storage: Store locked up.

1.7% of the mixture consists of ingredient(s) of unknown toxicity.

LOT # 026508 EXP 8/23

↑

Year

↑

Day

802 Washington Ave, Chestertown MD 21620 USA 410-778-3100 SDS: lamotte.com/sds

How to Determine Reagent Manufacture and Expiration Dates

Most users of water quality test kits have no idea how to determine the reagent shelf-life, or what length of time a reagent can, given proper care, produce accurate and reliable results. The majority of LaMotte reagents have an expiration date printed on the label. Knowing the expiration date can prevent wasting reagents and avoid using reagents that are long past their shelf-life but are presumed to be acceptable because they have only recently been opened. If you can't find the expiration date then the lot number can also be helpful.

On the lower, left corner of the label of each LaMotte reagent is a six [sometimes seven], digit number. This is not a code number, but the lot number of that reagent. A lot number records the date of manufacture and identifies the reagent as part of a specific batch of reagent produced on that date. The first digit of the lot number identifies the year, and the next three digits identify the

day of manufacture. The remaining digits are internal tracking information. For example, a reagent with a lot number of 026508 was manufactured the 265th day of the year 2020. A reagent with the lot number of 0073114 was manufactured the 73rd day of the year 2020.

With the information provided by the lot number on the reagent label and the reagent shelf life [provided on the LaMotte website on the Certificate of Analysis for the reagent or on the chart below], the expiration date can easily be determined. The expiration date can then be marked on the reagent label or on a data sheet. This will allow planning for ordering refills, saving money as well as ensuring the most reliable and accurate test results. If the shelf life of the reagent cannot be determined, one year from the date of manufacture is a general rule of thumb.

Code	Description	Shelf Life
4167	Manganous Sulfate	3 yrs
7166	Alkaline Potassium Iodide Azide	3 yrs
6141WT	Sulfuric Acid 1:1	3 yrs
6286	Sulfamic Acid Powder	2 yrs
4169	Sodium Thiosulfate	1.5 yrs
4170WT	Starch Indicator Solution	1.5 yrs
2218	Wide Range Indicator Solution	2 yrs
V-6282	Phosphate Acid Reagent	1 yr
V-6283	Phosphate Reducing Reagent	2 yrs
4493DR	Alkalinity Titration Reagent B	2 yrs
7520	Standard Turbidity Reagent	2 yrs
7460	Salinity Indicator Reagent A	3 yrs
7461	Salinity Titration Reagent B	2 yrs



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