



SCIENCE EDUCATION PRODUCTS

Reagent Refills,  
Parts & Accessories

2009

field • classroom • outdoor monitoring • environmental

## How to Use This List

Kits are listed by kit code number. Each kit is followed by the reagents, parts and accessories that can be reordered as individual parts. The last column (Exp/yr) refers to the maximum shelf life from the manufacture date. See page 16 of this brochure for more details.

Reagent codes are followed by a letter which indicate the amount in mL or grams. Please include the appropriate letter suffix with the reagent code.

MSDS information and most instructions can be found on our website, [www.lamotte.com](http://www.lamotte.com)

Go to [www.lamotte.com/pages/edu/pdf/1590-rfb.pdf](http://www.lamotte.com/pages/edu/pdf/1590-rfb.pdf) for a downloadable file.

### 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	200-250grams
-L	500	470-525 mL	450-500 grams
-M	1000	950-1000 mL	---
-N	---	3800 mL	---

### Complete Reagent Refills

LaMotte NITRATE NITROGEN TEST KIT CODE 3615		
QUANTITY	CONTENTS	CODE
1/20 mL	*Standard Acid Reagent	*V-6279-B
1/10g	*Nitrate Reducing Reagent	*V-6279-D
1	Dispenser cap	28630
1	Spacer, 0.1 g photo	28699
4	Test Tubes, 1.8 x 10 mL, glass, w/2 caps	28888
1	Water Sample Bottle	28888
1	Paper plate, 0.5 mL	21511
1	Asial Reader	2071
1	Distilled Water Ampoule	2749
1	Nitrate-Nitrogen Comparison Chart	3615

**To reorder a complete kit refill:** Use R- and the kit code. R-3615

**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. V-6279-D

### Individual Reagent Refill

CODE #	SUFFIX INDICATING SIZE	SIZE
4169-H		60mL
<p>Keep container tightly capped. Store in a cool place away from direct sunlight.</p> <p><b>LaMOTTE</b> <b>Sodium Thiosulfate</b></p> <p>FOR CHEMICAL TESTS ONLY! Read side panels before use.</p> <p><b>LaMotte</b></p>		
<p>Contains: Sodium Hydroxide CAS# 1310-73-2 Sodium Thiosulfate CAS# 10102-17-7 Deionized Water CAS# 7732-18-5</p> <p>LaMOTTE COMPANY Chestertown, Maryland</p>		
LOT: 257717		

To receive the most current refill information, email or call Customer Service. Be sure to include your name and mailing address.

800-344-3100 [mkt@lamotte.com](mailto:mkt@lamotte.com)

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>1067/Soil Texture</b>		<b>\$56.00</b>	
<b>R-1067/Rgt. Refill Only</b>		<b>\$14.45</b>	
5643PS-H	Soil Flocculating Rgt. (60mL)	1	7.55 3
5644PS-H	Texture Dispensing Rgt. (60mL)	1	7.55 3
0760	Soil Texture Tube w/cap		8.15
0372	Pipet, plastic, 1.0mL w/cap		2.60
1053	Soil Texture Stand		24.00
<b>2109/Bromthymol Blue Kit</b>		<b>\$30.70</b>	
2210-G	Bromthymol Blue Ind. (30mL)	1	5.65 2
0230	Tube, glass w/cap		2.20
2184	Bromthymol Blue Comp.		21.20
<b>2110/Phenol Red Kit</b>		<b>\$30.70</b>	
2211-G	Phenol Red Ind. (30mL)	1	5.65 2
0230	Tube, glass w/cap		2.20
2185	Phenol Red Comp.		21.20
<b>2111/Cresol Red Kit</b>		<b>\$30.70</b>	
2212-G	Cresol Red Ind. (30mL)	1	5.50 2
0230	Tube, glass w/cap		2.20
2186	Cresol Red Comp.		21.20
<b>2112/Thymol Blue Kit</b>		<b>\$30.70</b>	
2213-G	Thymol Blue Ind. (30mL)	1	5.75 2
0230	Tube, glass w/cap		2.20
2187	Thymol Blue Comp.		21.20
<b>3110/Nitrate Kit</b>		<b>\$65.00</b>	
<b>R-3110/Rgt. Refill Only</b>		<b>\$25.00</b>	
V-6278-H	Mixed Acid Rgt. (60mL)	2	9.00 3
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
0699	Spoon, 0.1g		1.85
0820	Test Tube w/cap		2.05
0688	Water Sample Bottle		2.50
3109	Nitrate-N Comp.		30.75
0692	Dispenser Cap		.75
<b>3119/Nitrate-Phosphate Kit</b>		<b>\$82.00</b>	
<b>R-3119/Rgt. Refill Only</b>		<b>\$33.00</b>	
V-6278-J	Mixed Acid Rgt. (120mL)	1	14.30 3
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
V-6282-H	Phosphate Acid Rgt. (60mL)	1	9.00 1
V-6283-C	Phosphate Reducing Rgt. (5g)	1	7.40 2
0844	Test Tube w/cap		2.65
0699	Spoon, 0.1g		1.85
0354	Pipet		2.35
2748	Distilled Water Ampoule		3.35
2071	Axial Reader		22.80
3120	Nitrate-N Phosphate Comp.		30.75

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>3121-01/Phosphate Kit</b>		<b>\$77.00</b>	
<b>R-3121-01/Rgt. Refill Only</b>		<b>\$21.00</b>	
V-6282-G	Phosphate Acid Rgt. (30mL)	2	7.80 1
V-6283-C	Phosphate Reducing Rgt. (5g)	1	7.40 2
3122	Phosphate Comp.		31.00
2071	Axial Reader		22.80
0843	Test Tube w/cap		2.65
0354	Pipet		2.35
0699	Spoon, 0.1g		1.85
2748	Distilled Water Ampoule		3.35
<b>3176-01/Chlorine Kit</b>		<b>\$64.55</b>	
<b>R-3176-01/Rgt. Refill Only</b>		<b>\$32.15</b>	
6807-C	DPD #1 Powder (5g)	1	5.45 1.5
6905A-H	Chlorine DPD #3R Tablets (50)	1	6.90 3
6815-G	Ferrous Ammonium Sulfate (30mL)	1	8.45 1.5
6495-E	Control Rgt. (15mL)	1	6.10 3
1151	PWB-3 Demin. Bottle		13.65
0608	Test Tube, plastic w/cap		2.65
0354	Pipet		2.35
0778	Test Tube w/cap		2.85
0378	Direct Reading Titrator		5.35
0699	Spoon, 0.1g		1.85
<b>3304/Ammonia-Nitrogen Kit Salicylate Method</b>		<b>\$70.00</b>	
<b>R-3304/Rgt. Refill Only</b>		<b>\$30.00</b>	
3978LWT-H	Salicylate Ammonia #1 (60mL)	1	12.40 3
3979WT-G	Salicylate Ammonia #2 (30mL)	1	7.10 1
3982WT-G	Salicylate Ammonia #3 (30mL)	1	7.10 1.5
0106	Tube, plastic w/cap		2.75
3441	Ammonia Octa-Slide bar, 0-20ppm		16.40
1100	Octa Slide Viewer		12.20
<b>3308/Chlorine Octa-Slide Kit</b>		<b>\$58.85</b>	
6999A-H	Chlorine DPD #1R Tablets (50)	1	6.90 3
6905A-H	Chlorine DPD #3R Tablets (50)	1	6.90 3
0106	Tube, plastic w/cap		2.75
3401	Chlorine Octa-Slide Bar		16.40
1100	Octa Slide Viewer		12.20
<b>3315/Ammonia Octa-Slide Kit</b>		<b>\$64.30</b>	
<b>R-3315/Rgt. Refill Only</b>		<b>\$2.00</b>	
4797WT-G	Ammonia Nitrogen Rgt. 1 (30mL)	1	7.10 3
4798WT-G	Ammonia Nitrogen Rgt. 2 (30mL)	1	13.95 2
0106	Tube, plastic w/cap		2.75
3412	Ammonia Nitrogen Octa-Slide Bar, 1-8		16.40
1100	Octa Slide Viewer		12.20
<b>3318/Iron Octa-Slide Kit</b>		<b>\$52.60</b>	
<b>R-3318/Rgt. Refill Only</b>		<b>\$17.00</b>	
4450-G	Iron Rgt. 1 (30mL)	1	6.30 3
4451-S	Iron Rgt. 2 (4.5g)	1	11.15 2
0106	Tube, plastic w/cap		2.75
0696	Spoon, 0.05g		1.85
3411	Iron Octa-Slide Bar		16.40
1100	Octa Slide Viewer		12.20

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>3321/Silica Octa-Slide Kit</b>			<b>\$86.90</b>
<b>R-3321/Rgt. Refill Only</b>			<b>\$22.05</b>
4571-G	Silica Rgt. 1 (30mL)	1	5.85 3
4467-E	Silica Rgt. 2 (15mL)	1	6.15 2
4468-E	Silica Rgt. 3 (15mL)	1	6.10 3
6405-C	Reducing Rgt. (5mL)	1	4.75 2
0106	Tube, plastic w/cap		2.75
0352	Pipet		1.90
3409	Silica Octa-Slide Bar		16.40
0353	Pipet		2.25
1100	Octa Slide Viewer		12.20
<b>3322/Sulfide Octa-Slide Kit</b>			<b>\$54.90</b>
<b>R-3322/Rgt. Refill Only</b>			<b>\$22.05</b>
4458-G	Sulfide Rgt. A (30mL)	1	7.30 2
4459-E	Sulfide Rgt. B (15mL)	1	6.15 2
4460-H	Sulfide Rgt. C (60mL)	1	6.85 3
0354	Pipet		2.25
0106	Tube, plastic w/cap		2.75
3414	Sulfide Octa-Slide Bar		16.40
1100	Octa Slide Viewer .		12.20
<b>3347/Iron Ferric/Ferrous Kit</b>			<b>\$77.85</b>
<b>R-3347/Rgt. Refill Only</b>			<b>\$22.40</b>
4450-G	Iron Rgt. 1 (30mL)	1	6.30 3
4451-S	Iron Rgt. 2 Pwd. (4.5g)	1	11.15 3
4453-S	Ferrous Iron Rgt. (4.5g)	1	6.85 1
0696	Spoon		1.85
0106	Tube, Plastic w/cap		2.75
3411	Iron Octa-Slide Bar		16.40
1100	Octa Slide Viewer		12.20
<b>3354/Nitrate Nitrogen Tablet Kit</b>			<b>\$50.00</b>
<b>R-3354/Rgt. Refill Only</b>			<b>\$18.00</b>
2799A-H	Nitrate #1 Tablets (50)	1	8.55 3
NN-3703A-H	Nitrate #2 CTA Tablets (50)	1	10.00 3
0106	Tube, plastic w/cap		2.75
3494	Nitrate-N Octa-Slide Bar		16.40
1100	Octa Slide Viewer		12.20
<b>3519/Nitrate-Nitrite Kit</b>			<b>\$92.00</b>
<b>R-3519/Rgt. Refill Only</b>			<b>\$44.00</b>
V-6278-J	Mixed Acid Rgt. (120mL)	2	14.30 3
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
V-6281-C	Color Developing Rgt. (5g)	1	8.50 2
0820	Test Tube, glass w/cap		2.05
0699	Spoon, 0.1g		1.85
0688	Water Sample Bottle		2.50
3109	Nitrate-N Comp.		30.75
0692	Dispenser Cap		.75
<b>3561/Hydroponics 4-Way Kit</b>			<b>\$279.00</b>
<b>R-3561/Rgt. Refill Only</b>			<b>\$91.10</b>
V-6278-H	Mixed Acid Rgt. (120mL)	1	9.00 3
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
4004WT-G	Sodium Hydroxide 1.0N (30mL)	1	5.45 2
4410-H	VM Phosphate Rgt. (60mL)	1	6.45 3
2218-G	Wide Range pH Ind. (30mL)	1	5.95 2
4259-E	Sodium Hydroxide (15mL)	1	5.10 3
6364-C	Tetraphenylboron Powder (5g)	1	30.75 2
6130WT-H	Hydrochloric Acid, 1N (60mL)	1	5.70 2
0106	Test Tube, plastic, w/cap		2.75
0699	Spoon, 0.1g		1.85
1100	Octa-Slide Viewer		12.20
3413	Octa-Slide Bar, Nitrate		16.40
0354	Pipet, plastic 1.0mL		2.25

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>3561/Hydroponics 4-Way Kit...continued</b>			
3426	Octa-Slide Bar, Phosphorus		16.40
3424	Octa-Slide Bar, pH Wide Range		16.40
0780	Potassium Double Tube		7.25
0696	Spoon, 0.05g		1.85
0514	Test Tube Brush		2.45
1152	Demineralizer Bottle		15.35
0417	Graduated Cylinder, 25mL		19.40
<b>3588-01/Manganese LR Kit</b>			<b>\$101.75</b>
<b>R-3588-01/Rgt. Refill Only</b>			<b>\$44.20</b>
4255-H	Hardness Buffer Rgt. (60mL)	1	7.65 3
3956-G	Manganese Ind. Rgt. (30mL)	1	8.35 1.5
6203-J	Chloroform Rgt. (100mL)	1	17.70 2
2785-E	Metal Inhibitor (15mL)	1	11.40 2
0372	Pipet, plastic w/cap, 1.0 mL		2.10
0369	Pipet, plastic w/cap, 0.5mL		2.60
0354	Pipet, plastic w/cap, 1.0 mL		2.25
3594	Manganese Comp.		33.05
0893	Test Tube, glass w/cap		2.45
<b>3604/Acid Rain Study Outfit</b>			<b>\$57.00</b>
2218-G	Wide Range Ind. (30mL)	1	5.95 2
0230	Tube, glass w/cap		2.20
2193	Wide Range Comp.		21.20
1047	Rain Gauge		13.00
<b>3608/Tapwater Tour Test Kit</b>			<b>\$65.00</b>
<b>R-3608/Rgt. Refill Only</b>			<b>\$48.00</b>
6459-J	Wide Range TesTabs, (100)	1	19.65 3
3725A-H	Iron LR TesTabs, (50)	1	12.55 4
6899A-J	DPD #4 TesTabs, (100)	1	11.60 3
6917A-J	Hardness HR TesTabs, (100)	1	15.80 3
3701A-H	Copper HR TesTabs, (50)	1	11.60 4
0791-H	Bag, plastic 10-40 mL 50/pk		18.85
1381	Tapwater Tour Color Chart Poster		8.50
<b>3609/Calcium Hardness Kit</b>			<b>\$42.95</b>
<b>R-3609/Rgt. Refill Only</b>			<b>\$17.50</b>
4259-E	Sodium Hydrox Rgt. w/Metal Inhibitor (15mL)	1	5.10 3
T-5250-H	Calcium Hardness Ind. Tablets (50)	1	6.65 3
4487DR-H	Hardness Rgt. 7 (60mL)	1	5.70 3
0353	Pipet		2.25
0608	Test Tube, glass w/cap		2.65
0382	Direct Reading Titrator		5.35
<b>3615/Nitrate Kit</b>			<b>\$75.00</b>
<b>R-3615/Rgt. Refill Only</b>			<b>\$29.00</b>
V-6278-K	Mixed Acid Rgt. (250mL)	1	19.05 3
V-6279-D	Nitrate Reducing Rgt. (10g)	1	12.20 1
0699	Spoon, 0.1g		1.85
0898	Test Tube, glass w/cap		2.55
0688	Water Sample Bottle		2.50
2071	Axial Reader		22.80
2748	Distilled Water Ampoule		3.35
3614	Nitrate Nitrogen Comp.		32.00
0693	Dispenser Cap		.55
0353	Pipet		2.25

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>3633-03/AQ-2</b>			<b>\$229.00</b>
<b>R-3633-03/Rgt. Refill Only</b>			<b>\$130.00</b>
2218-G	Wide Range pH Ind. (30mL)	1	5.95 2
4797WT-G	Ammonia #1 (30mL)	1	7.10 3
4798WT-G	Ammonia #2 (30mL)	1	13.95 2
V-6278-H	Mixed Acid Rgt. (60mL)	2	9.00 3
V-6281-D	Color Developing Rgt. (10g)	1	12.55 2
2311-EG-E	BCG-MR Ind. (15mL)	1	6.65 1.5
4493-DR-H	Alkalinity Titration Rgt. B (60mL)	1	6.45 2
2246-E	Phenolphthalein Ind. (15mL)	1	3.90 3
4504-E	Chloride Rgt. 1 (15mL)	1	5.55 3
4505DR-H	Chloride Rgt. 2 (60mL)	1	8.15 2
6090-E	Sulfuric Acid, 0.5N (15mL)	1	5.95 3
4483-E	Hardness Rgt. 5 (15mL)	1	5.15 1
4485-E	Hardness Rgt. 6 (15mL)	1	5.30 3
4487DR-H	Hardness Rgt. 7 (60mL)	1	5.70 3
4169-H	Sodium Thiosulfate, 0.025N (60mL)	1	7.00 1.5
4167-G	Manganous Sulfate (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid, 1:1 (30mL)	1	6.50 2
4170PS-G	Starch Ind. (30mL)	1	5.50 1.5
4253DR-H	Carbon Dioxide Rgt. B (60mL)	1	7.35 3
0688	Water Sample Bottle		2.50
0106	Test Tube, plastic, 2.5, 5.0, 10mL		2.75
3483	Octa-Slide Bar, pH		16.40
3438	Octa-Slide Bar, Ammonia		16.40
3437	Octa-Slide Bar, Nitrite-Nitrogen		16.40
1100	Octa-Slide Viewer		12.20
1066	Armored Thermometer		21.00
0699	Spoon, 0.1g		1.85
0608	Test Tube, plastic, 5 to 10mL		2.65
0382	Direct Reading Titrator, 0-200		5.35
0380	Direct Reading Titrator, 0-50		5.35
0353	Pipet, plastic, 0.5mL		2.25
0392	Pipet, plastic, plain, w/screw cap		2.75
0688-DO	Water Sample Bottle, plastic		4.00
0377	Direct Reading Titrator, 0-10		5.35

<b>3635-03/AQ-4</b>			<b>\$279.00</b>
<b>R-3635-03/Rgt. Refill Only</b>			<b>\$141.00</b>
2218-G	Wide pH Ind. (30mL)	1	5.95 2
3978LWT-H	Salicylate Ammonia 1 (60mL)	1	12.40 3
3979WT-G	Salicylate Ammonia 2 (60mL)	1	7.10 1
3982WT-G	Salicylate Ammonia 3 (60mL)	1	7.10 1.5
V-6278-J	Mixed Acid Rgt. (120mL)	2	14.30 3
V-6281-C	Color Developing Rgt. (5g)		8.50 2
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
2311-EG-E	Phenolphthalein Rgt. (15mL)	1	6.65 1.5
4493DR-H	Alkalinity Titration Rgt. B (60mL)	1	6.45 2
2246-E	Phenolphthalein Ind. (15mL)	1	3.90 3
4253DR-H	Carbon Dioxide Rgt. B (60mL)	1	7.35 3
7460-E	Salinity Ind. Rgt. A (15mL)	1	6.65 3
7461-H	Salinity Titration Rgt. B (15mL)	1	18.65 2
4169-H	Sodium Thiosulfate, 0.025N (60mL)	1	7.00 1.5
4167-G	Manganous Sulfate (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid, 1:1 (30mL)	1	6.50 2
4170PS-G	Starch Ind. (30mL)	1	5.50 1.5

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>3635-03/AQ-4...continued</b>			
0688	Water Sample Bottle, plastic		2.50
0106	Test Tube, plastic, 2.5, 5.0, 10mLw/cap		2.75
3483	Octa-Slide Color Bar, Wide Range pH		16.40
3441	Octa-Slide Color Bar, Ammonia Salicylate		16.40
3437	Octa-Slide Color Bar, Nitrite-Nitrogen		16.40
3413	Octa-Slide Color Bar, Nitrate-Nitrogen		16.40
1100	Octa-Slide Viewer		12.20
0699	Spoon, 0.1g		1.85
0608	Test Tube, glass, 5-25mL		2.65
1066	Armored Thermometer		21.00
1151	Demineralizer Bottle		13.65
0376	Direct Reading Titrator, 0-1		5.35
0382	Direct Reading Titrator, 0-200		5.35
0380	Direct Reading Titrator, 0-50		5.35
0378	Direct Reading Titrator, 0-20		5.35
0377	Direct Reading Titrator, 0-10		5.35
0688-DO	Water Sampling Bottle, glass		4.00
0392	Pipet, plastic		2.75

<b>4227-R/Fluoride Kit</b>			<b>\$147.35</b>
<b>R-4227-R/Rgt. Refill Only</b>			<b>\$126.35</b>
6974-H	Fluoride A-Z Tablets (50)	2	52.95 3
6975-H	Fluoride Excess Al Tablets (50)	1	33.40 3
0438	Flask		8.25
2748	Distilled Water Ampoule		3.35
0175	Tablet Crusher		1.45
0822	Tube, glass w/cap		2.10
2071	Axial Reader		22.80
7543	Fluoride Comp.		33.05

<b>4430/Chromate Kit</b>			<b>\$52.45</b>
4431-G	Chromate Ind. Powder (30g)	1	9.10 2
0352	Pipet		1.90
4432	Sodium Chromate Octet Comp.		33.05
0695	Spoon, 0.25g		1.85
0230	Tube, glass w/cap		2.20

<b>4447/Iron, Total</b>			<b>\$52.60</b>
<b>R-4447/Rgt. Refill Only</b>			<b>\$17.15</b>
4450-G	Iron Rgt. 1 (30mL)	1	6.30 3
4451-S	Iron Rgt. 2 Pwd. (4.5g)	1	11.15 2
4448	Iron Comp.		33.05
0696	Spoon		1.85
0230	Tube, glass w/cap		2.20

<b>4456/Sulfide Kit</b>			<b>\$52.60</b>
<b>R-4456/Rgt. Refill Only</b>			<b>\$19.30</b>
4458-G	Sulfide Rgt. A (30mL)	1	7.30 2
4459-E	Sulfide Rgt. B (15mL)	1	6.15 2
4460-H	Sulfide Rgt. C (60mL)	1	6.85 3
0354	Pipet		2.35
0230	Tube, glass w/cap		2.20
4457	Sulfide Comp.		33.05

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>4463/Silica Kit</b>			<b>\$66.80</b>
<b>R-4463/Rgt. Refill Only</b>			<b>\$22.05</b>
4571-G	Silica Rgt. 1 (30mL)	1	5.85 3
4467-E	Silica Rgt. 2 (15mL)	1	6.15 2
4468-E	Silica Rgt. 3 (15mL)	1	6.10 3
6405-C	Reducing Rgt. (5mL)	1	4.75 2
0230	Tube, glass w/cap		2.20
0352	Pipet, 0.5 mL, plastic		1.90
4465	Silica Comp.		33.05
0353	Pipet		2.25
<b>4482-DR-LT/Hardness Kit</b>			<b>\$39.15</b>
<b>R-4482-DR-LT/Rgt. Refill Only</b>			<b>\$17.00</b>
4483-E	Hardness Rgt. 5 (15mL)	1	5.15 1
4484-J	Hardness Rgt. #6 Tablets (100)	1	5.80 3
4487DR-H	Hardness Rgt. 7 (60mL)	1	5.70 3
0608	Test Tube, w/cap		2.65
0382	Direct Reading Titrator		5.35
0353	Pipet		2.25
<b>4491-DR/Alkalinity Test Kit</b>			<b>\$32.15</b>
<b>R-4491-DR/Rgt. Refill Only</b>			<b>\$14.25</b>
T-2311-H	BCG-MR Ind. Tablets (100)	1	6.05 3
4493DR-H	Alkalinity Titration Rgt. (60mL)	1	6.45 2
0778	Test Tube w/cap		2.85
0382	Direct Reading Titrator		5.35
4491-CC	Endpoint Color Chart		2.15
<b>4503-DR-01/Chloride Kit</b>			<b>\$41.55</b>
<b>R-4503-DR-01/Rgt. Refill Only</b>			<b>\$24.45</b>
4504-E	Chloride Rgt. 1 (15mL)	1	5.55 3
2246-E	Phenolphthalein Ind. 1% (15mL)	1	3.90 3
6090-E	Sulfuric Acid 0.5N (15mL)	1	5.95 3
4505DR-G	Chloride Rgt. 2 (30mL)	1	6.90 3
0382	Direct Reading Titrator. 0-200		5.35
0778	Test Tube w/cap		2.85
<b>4507-01/Detergent Kit</b>			<b>\$52.90</b>
<b>R-4507-01/Rgt. Refill Only</b>			<b>\$41.30</b>
4508-G	DS Ind. (30mL)	2	14.05 1.5
4509-H	pH Adjustment Powder (50g)	1	7.25 2
4513-E	DS Reference Solution (15mL)	1	7.10 1.5
0282-NC	Test Tube w/cap		2.00
0755	Test Tube, plastic, 1-8 mL. w/cap		2.10
0347	Pipet		2.05
0695	Spoon, 0.25g		1.85
<b>4533-DR/Alkalinity Kit</b>			<b>\$45.00</b>
<b>R-4533-DR/Rgt. Refill Only</b>			<b>\$21.05</b>
T-2246-J	Phenolphthalein Tablets (100)	1	7.35 3
T-2311-J	BCG-MR Ind. Tablets (100)	1	7.25 3
4493DR-H	Alkalinity Titration Rgt. B (60mL)	1	6.45 2
0778	Test Tube w/cap		2.85
0382	Direct Reading Titrator, 0-200		5.35
<b>4795/Ammonia Kit</b>			<b>\$85.80</b>
<b>R-4795/Rgt. Refill Only</b>			<b>\$20.25</b>
4797WT-G	Ammonia Nitrogen Rgt. 1 (30mL)	1	7.10 3
4798WT-G	Ammonia Nitrogen Rgt. 2 (30mL)	1	13.95 2
0230	Tube, glass w/cap		2.20
4796	Ammonia Nitrogen Comp.		33.05

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>4824-DR-LT/Hardness Kit</b>			<b>\$52.95</b>
<b>R-4824-DR-LT/Rgt. Refill Only</b>			<b>\$28.75</b>
4259-E	Sodium Hydroxide Rgt. w/Metal Inhibitor (15mL)	1	5.10 2
T-5250-H	Calcium Hardness Ind. Tablets (50)	1	6.65 3
4483-E	Hardness Rgt. 5 (15mL)	1	5.15 1
4484-J	Hardness Rgt. #6 Tablets (100)	1	5.80 3
4487DR-H	Hardness Rgt. 7 (60mL)	1	5.70 3
0608	Test Tube w/cap		2.65
0382	Direct Reading Titrator		5.35
0353	Pipet		2.25
<b>5026/Plant Macronutrients Kit</b>			<b>\$95.80</b>
<b>R-5026/Rgt. Refill Only</b>			<b>\$86.35</b>
5227-J	Universal Extracting Solution (120mL)	2	13.95 3
5146-G	Nitrate Rgt. 1 (30mL)	1	10.20 2
5147-G	Nitrate Rgt. 2 Powder (30g)	1	12.65 2
5156-G	Phosphate Rgt. 2 (30mL)	1	7.30 2
5157-H	Phosphate Rgt. 3 Tablets (50)	1	5.50 3
5161-H	Potassium Rgt. B Tablets (50)	1	13.05 3
5162-J	Potassium Rgt. C (120mL)	1	7.45 2
0459	Funnel		2.95
0465	Filter Paper, 100/pk		8.75
0245	Potash A Tube		3.45
0244	Phosphorus B Tube		2.05
0704	Extraction Tube, 7 & 14mL		2.00
0159	Spot plate		5.25
0698	Spoon, 0.5g		1.85
0519	Stirring Rod		1.25
0354	Pipet, 1.0mL plastic		2.35
0364	Pipet, plastic transfer		2.25
0341	Pipet, glass, w/cap		2.25
0392	Pipet, plastic, w/cap		2.75
<b>5261/Plant Micronutrients Kit</b>			<b>\$104.95</b>
<b>R-5261/Rgt. Refill Only</b>			<b>\$96.10</b>
5262-G	Manganese Rgt. 1 (30mL)	1	8.35
5263-G	Manganese Rgt. 2 (30mL)	1	7.90 2
5264-E	Ferric Iron Rgt. (15mL)	1	7.35 1.5
5265-E	Ferric, Ferric Iron Rgt. (15mL)	1	7.35 1
5267-E	Copper Test Solution (15mL)	1	7.35 3
7393-G	Zinc Rgt. Powder (30g)	1	9.45 2
5115PS-H	Deionized Water, 60mL		3.60 5
5266-H	Copper Test Papers, 50/box		13.95
5268-H	Boron Test Papers, 50/box		13.95
0471	Filter Paper, 100/pk		14.30
1196	Polyethylene Strips		10.00
0698	Spoon, 0.5g		1.85
0231	Test Tube w/cap		1.90
0354	Pipet, plastic 1.0mL		2.35
0342	Pipet, glass		4.50
0341	Pipet, glass, w/cap		2.25
0357	Pipet, plastic w/cap		2.30
<b>5406/Hydroponics Lab</b>			<b>\$545.00</b>
V-6279-D	Nitrate Reducing Rgt. (10g)	1	12.20 1
V-6278-H	Mixed Acid Rgt. (60mL)	2	9.00 3
6456-H	Sulfate Turbidity Tablets (50)	1	30.65 2
9258-E	Inhibitor Solution (15mL)	1	7.35 1.5
3921-E	TEA Rgt. (15mL)	1	8.15 2
3922-G	Calcium Magnesium Inhibitor (30mL)	1	15.35 3

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5406/Hydroponics Lab...continued</b>			
4259-G	Sodium Hydroxide w/ Metal Inhibitor (30mL)	1	5.95 2
5126-G	Calcium & Magnesium Buffer (30mL)	1	7.55 3
5254-H	Standard EDTA Rgt. (60mL)	1	7.10 3
6130WT-H	Hydrochloric Acid, 1N (60mL)	1	5.70 2
4004WT-G	Sodium Hydroxide, 1N (30mL)	1	5.45 2
5132-H	Hydroculture pH Ind. (60mL)	1	9.75 2
5138-H	Hydroculture VM Phosphate Rgt. (60mL)	1	7.80 3
5638-H	Charcoal Suspension (60mL)	1	11.70 3
5116PS-G	Ferric Iron Test Solution (30mL)	1	8.90 2
5275-D	Iron Rgt. Powder (10g)	1	7.10 2
6364-C	Tetraphenylboron Powder (5g)	1	30.75 2
4797WT-G	Ammonia Rgt. 1 (30mL)	1	7.10 3
4798WT-G	Ammonia Rgt. 2 (30mL)	1	13.95 2
T-5250-J	Calcium Hardness Ind. Tablets (100)	1	11.15 3
6522WT-G	CM Ind. Rgt. (30mL)	1	7.95 2
5115PT-K	Deionized Water (250mL)	1	5.10 5
4796	Octet Comp., Ammonia Nitrogen		33.05
3109	Octet Comp., Nitrate Nitrogen		30.75
7779	Octet Comp., Sulfate		33.05
5304	Octet Comp., Hydroculture pH		33.05
5305	Octet Comp., Phosphorus		33.05
0416	Graduated Cylinder, 10mL		17.45
0699	Spoon 0.1g		1.85
0820	Test Tube, glass, 2.5 & 5.0mL		2.05
0822	Test Tube, glass, 10mL		2.10
0341	Pipet, glass w/cap		2.25
0383	Direct Reading Titrator, 0-500		5.35
0645	Test Tube, glass, 5.2mL		2.95
0354	Pipet, plastic, 1.0mL		2.35
0230	Test Tube, glass, 5mL		2.20
0465	Filter Paper, 100/pk		8.75
0459	Funnel		2.95
0352	Pipet, plastic		1.90
0696	Spool, 0.05g		1.85
0159	Spot Plate		5.25
0175	Tablet Crusher		1.45
0780	Potassium Tube		7.25
0514	Test Tube Brush		2.45
0608	Test Tube, glass, 5-25mL		2.65

**5418/Pondwater Tour Test Kit \$70.00**  
**R-5418/Rgt. Refill Only \$51.00**

2799A-H	Nitrate #1 TesTabs, (50)		8.55 3
NN-3703A-H	Nitrate #2 CTA TesTabs (50)		10.00 1
3968A-H	Ammonia #1 TesTabs (50)		9.80 3
3969A-H	Ammonia #2 TesTabs (50)		8.60 3
6459A-H	Wide Range pH TesTabs(50)		10.75 3
3976A-H	Dissolved Oxygen TesTabs (50)		8.75 3
5421A-H	NutriTab TesTabs (50)		8.50 3
0791A-H	Bag, plastic 10-40 mL (50)		18.85
0125	Glass Vial w/cap		2.00
1380-01	Pondwater Tour Color Chart Poster		8.50

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5419/Watershed Tour Test Kit \$77.00</b>			
<b>R-5419/Rgt. Refill Only \$12.50</b>			
3976A-J	Dissolved Oxygen TesTabs, (100)		12.50 3
3703A-H	Nitrate Wide Range CTA TesTabs, (50)		10.00 1
5421A-H	NutriTab TesTabs, (50)		8.50 3
6459A-H	Wide Range pH TesTabs, (50)		10.75 3
3885A-H	Chloride TesTabs, (50)		15.35 2
5402A-H	Buffer Tablets, (50)		15.00 3
0106	Tube,plastic w/cap		2.75
0125	Glass Vial w/cap		2.00
5419-CC	Watershed Tour Color Chart Poster		9.50

**5425-01/Topsoil Tour Test Kit \$70.00**  
**R-5425-01/Rgt. Refill Only \$56.00**

5424A-H	Potassium TesTabs. (50)		11.60 3
2799A-H	Nitrate #1 TesTabs, (50)		8.55 3
NN-3703A-H	Nitrate #2 TesTabs, (50)		10.00 1
5422A-H	Phosphorus TesTabs, (50)		9.00 3
5503A-H	Soil pH TesTabs, (50)		8.50 3
5504A-J	Floc-Ex TesTabs, (100)		18.00 3
0791-H	Bag, plastic 10-40 mL 50 pk		18.85
1560-01	Topsoil Tour Color Chart Poster		8.25

**5679/Garden Guide Kit \$49.95**  
**R-5679/Rgt. Refill Only \$47.25**

5701-J	pH Ind. (120mL)	1	9.75 2
5702-J	Nitrogen Extraction Solution (120mL)	1	7.90 3
5703-D	Nitrogen Ind. Powder (10g)	1	6.90 2
5704-J	Phosphorus Extraction Solution (120mL)	1	7.90 3
5705-E	Phosphorus Ind. Rgt. (15mL)	1	6.85 2
5706-G	Phosphorus Test Tablets (25)	1	4.80 3
5707-J	Potassium Extraction Solution (120mL)	1	7.90 3
5708-G	Potassium Ind. Tablets (25)	1	4.80 2
5709-E	Potassium Test Solution (15mL)	1	6.85 2
0514	Test Tube Brush		2.45
1371	Color Chart, Nitrogen		2.40
1372	Color Chart, Phosphorus		2.40
1352	Color Chart, Potassium		2.40
1353	Color Chart, pH Wide Range		2.40
0364	Pipet, plastic transfer		2.25
0695	Spoon, 0.25g		1.85
0698	Spoon, 0.5g		1.85

**5848/GREEN Standard Water Monitoring Kit \$208.00**

**5887/Turbidity Module 100 tests 29.00**

No Reagents

**5889/Dissolved Oxygen/BOD TesTab® Module 100 tests 29.00**

3976A-H	Dissolved Oxygen Tablets (50)		8.75 3
3976A-J	Dissolved Oxygen Tablets (100)		12.50 3

**5891/Nitrate TesTab® Module 100 tests 24.00**

2799A-H	Nitrate #1 Tablets (50)		8.55 3
2799A-J	Nitrate #1 Tablets (100)		13.95 3
NN-3703A-H	Nitrate #2 CTA Tablets (50)		10.00 1
NN-3703A-J	Nitrate #2 CTA Tablets (100)		18.00 1

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5890/pH TesTab® Module 100 tests</b>			<b>20.00</b>
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
<b>5892/Phosphate TesTab® Module 100 tests</b>			<b>21.00</b>
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	
<b>5850/Coliform 44 tests</b>			<b>85.00</b>
<b>Benthics Module</b>			
3-0030	Bugkit		20.80
<b>5849/The TesTabs® Water Investigation Kit (AM-12)</b>			<b>\$208.00</b>
<b>5893/Alkalinity TesTab® Module 100 tests+tubes+charts</b>			<b>30.00</b>
3920A-H	Alk-Test Tablets (50)	6.90	3
3920A-J	Alk-Test Tablets (100)	11.60	3
3920A-K	Alk-Test Tablets (200)	25.45	3
3920A-M	Alk-Test Tablets (500)	86.90	3
<b>5894/Ammonia TesTab® Module 100 tests+tubes+charts</b>			<b>26.00</b>
3968A-H	Ammonia #1 Tablets (50)	9.80	3
3969A-H	Ammonia #2 Tablets (50)	8.60	3
<b>5895/Chloride TesTab® Module 100 tests+tubes+charts</b>			<b>26.00</b>
3885A-H	Chloride Tablets (50)	15.35	2
<b>5896/Chlorine TesTab® Module 100 tests+tubes+charts</b>			<b>20.00</b>
6899A-H	Chlorine DPD #4R Tablets (50)	6.90	3
6899A-J	Chlorine DPD #4R Tablets (100)	11.60	3
<b>5897/Chromium TesTab® Module 100 tests</b>			<b>23.00</b>
3889A-H	Chromium Tablets (50)	18.15	3
<b>5898/Copper TesTab® Module 100 tests</b>			<b>18.50</b>
3701A-H	Copper HR Tablets (50)	11.60	4
3701A-J	Copper HR Tablets (100)	17.65	4
<b>5889/Dissolved Oxygen/BOD TesTab® Module 100 tests</b>			<b>29.00</b>
3976A-H	Dissolved Oxygen Tablets (50)	8.75	3
3976A-J	Dissolved Oxygen Tablets(100)	12.50	3
<b>5899/Hardness TesTab® Module 100 tests</b>			<b>45.00</b>
6917A-H	Hardness T(HR) Tablets(50)	8.55	3
6917A-J	Hardness T(HR) Tablets (100)	15.80	3
<b>5900/Iron TesTab® Module 100 tests</b>			<b>23.00</b>
2792A-H	Iron Tablets (50)	10.50	2
<b>5891/Nitrate TesTab® Module 100 tests</b>			<b>24.00</b>
2799A-H	Nitrate #1 Tablets (50)	8.55	3
2799A-J	Nitrate #1 Tablets (100)	13.95	3
NN-3703A-H	Nitrate #2 CTA Tablets (50)	10.00	1
NN-3703A-J	Nitrate #2 CTA Tablets (100)	18.00	1
<b>5890/pH TesTab® Module 100 tests</b>			<b>20.00</b>
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5849/The TesTabs® Water Investigation Kit (AM-12)</b>			
<b>...continued</b>			
<b>5892/Phosphate TesTab® Module 100 tests</b>			<b>21.00</b>
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
*Common Tubes and Accessories for TesTab® kits on page 14			
<b>5854-01/Shallow Monitoring Water Outfit</b>			<b>\$220.00</b>
<b>R-5854-01/Rgt. Refill Only</b>			<b>\$50.00</b>
4167-G	Manganous Sulfate Solution (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid 1:1 (30mL)	1	6.50 2
4169-H	Sodium Thiosulfate 5.95 .025N (60mL)	1	7.00 1.5
4170WT-G	Starch Ind. Solution (30mL)	1	5.50 1.5
7520-H	Standard Turbidity Rgt. (60mL)	1	10.00 2
2218-G	Wide Range Ind.		5.95 2
0377	Direct Reading Titrator, 0-10ppm		5.35
0688-DO	Water Sample Bottle		4.00
2-2297	Graduated Cylinder		10.10
0513	Test Tube Brush		2.45
0835	Turbidity Column		17.00
1114	Plastic Stirring Rod		2.55
0369	Pipet		2.60
0230	Tube, glass w/cap		2.20
1066	Thermometer		21.00
2193	pH Wide Range Comp.		21.20
2196	Wide Range Comp.		21.20
<b>5855/Deep Water Monitoring Outfit</b>			<b>\$270.00</b>
<b>R-5855/Rgt. Refill Only</b>			<b>\$41.00</b>
4167-G	Manganous Sulfate Solution (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid 1:1 (30mL)	1	6.50 2
4169-H	Sodium Thiosulfate .025N (60mL)	1	7.00 1.5
4170WT-G	Starch Ind. Solution (30mL)	1	5.50 1.5
2218-G	Wide Range Ind., pH Rgt. 3 (30mL)	1	5.95 2
0377	Direct Reading Titrator, 0-10ppm		5.35
0608	Test Tube		2.65
0688-DO	Water Sample Bottle		4.00
2-2297	Graduated Cylinder		10.10
0171-CI	Secchi Disk, Black & White w/calibrated line		55.00
1066	Thermometer		21.00
2193	Wide Range Comp. pH 3.0-6.5		21.20
2196	Wide Range Comp., pH 7.0-10.5		21.20
0230	Tube, glass w/cap		2.20

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5857/Tidal Water Monitoring Outfit</b>		<b>\$325.00</b>	
<b>R-5857/Rgt. Refill Only</b>		<b>\$41.00</b>	
4167-G	Manganous Sulfate Solution (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid 1:1 (30mL)	1	6.50 2
4169-H	Sodium Thiosulfate .025N (60mL)	1	7.00 1.5
4170WT-G	Starch Ind. Solution (30mL)	1	5.50 1.5
2218-G	Wide Range Ind., pH Rgt. 3 (30mL)	1	5.95 2
0377	Direct Reading Titrator, 0-10 ppm		5.35
0608	Test Tube, 5-25 mL, w/cap		2.65
0688-DO	Water Sample Bottle		4.00
2-2297	Graduated Cylinder		10.10
0171-CI	Secchi Disk, Black & White w/calibrated line		55.00
1066	Thermometer		21.00
2193	Wide Range Comp., pH 3.0-6.5		21.20
2196	Wide Range Comp., pH 7.0-10.5		21.20
0230	Tube, glass w/cap		2.20
3-0025	Hydrometer Kit0		53.40
<b>5858/pH Precision Kit</b>		<b>\$36.00</b>	
2218-G	Wide Range Ind. (30mL)	1	5.95 2
2193	Wide Range Comp., pH 3.0-6.5		21.20
2196	Wide Range Comp., pH 7.0-10.5		21.20
0230	Tube, Glass, w/cap		2.20
<b>5860/Dissolved Oxygen Kit</b>		<b>\$49.00</b>	
<b>R-5860/Rgt. Refill Only</b>		<b>\$29.00</b>	
4167-G	Manganous Sulfate Solution (30mL)	1	7.00 3
7166-G	Alkaline Potassium Iodide-Azide (30mL)	1	9.25 3
6141WT-G	Sulfuric Acid 1:1 (30mL)	1	6.50 3
4169-H	Sodium Thiosulfate .025N (60mL)	1	7.00 1.5
4170WT-G	Starch Ind. Solution (30mL)	1	5.50 1.5
0377	Direct Reading Titrator, 0-10ppm		5.35
0608	Test Tube, glass, w/cap		2.65
0688-DO	Water Sample Bottle		4.00
<b>5864/Ammonia-Nitrogen Kit</b>		<b>\$53.00</b>	
<b>R-5864/Rgt. Refill Only</b>		<b>\$17.70</b>	
3968A-H	Ammonia #1 Tablets (50)	1	9.80 3
3969A-H	Ammonia #2 Tablets (50)	1	8.60 3
0106	Tube, plastic w/cap		2.75

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5870/Water Quality Educator &amp; Monitoring Outfit</b>		<b>\$382.00</b>	
<b>R-5870/Rgt. Refill Only</b>		<b>\$95.00</b>	
1066	Armored Thermometer		21.00
0688-DO	Water Sample Bottle, plastic		4.00
<b>See Individual Listings for:</b>			
3354	Nitrate Nitrogen		50.00
4491-DR	Alkalinity		32.15
3121-01	Phosphate		77.00
7519	Turbidity		58.00
5860	Dissolved Oxygen		49.00
5858	pH Precision Kit		36.00
<b>5871/Water Quality Educator</b>		<b>\$362.00</b>	
See Individual Listings for 5870/Water Quality Educator & Monitoring Outfit			
<b>3-5880/Soil N-P-K Kit</b>		<b>\$25.50</b>	
<b>Conforms With The Globe Program Specs</b>			
3703A-H	Nitrate Wide Range Tablets (50)	1	10.00 1
5422A-H	Phosphorus Tablets (50)	1	9.00 3
5424A-H	Potassium Tablets (50)	1	11.60 3
5504A-J	Floc-Ex TesTabs (100)	1	18.00 3
0725-NC	Tube w/cap, 30 mL line		1.35
0106	Tube, plastic w/cap		2.75
30444	Pipet		.20
1382	Color Chart		7.25
<b>5882/Leaf Pack Experiments - Stream Ecology Kit</b>		<b>\$195.00</b>	
5882-SS6	Sorting Sheet, 6/set		35.30
5882-SA1	Leaf Pack Flash Cards		40.00
31821	Thermometer (0-12°C)		2.60
31822	Thermometer (14-40°C)		2.60
5882-LPB	Mesh bags, 30		20.00
<b>5884/GREEN Advanced Kit</b>		<b>\$496.00</b>	
1066	Armored Thermometer		21.00
0688-DO	Water Sample Bottle		4.00
<b>See Individual Listings for:</b>			
5860	Dissolved Oxygen		49.00
3110	Nitrate Nitrogen		65.00
5858	pH Precision Kit		36.00
7884	Phosphorus Auxiliary		115.55
3121-01	Phosphate		77.00
7519	Turbidity		58.00
<b>3-5886/GREEN Low Cost Water Monitoring Kit</b>		<b>\$34.00</b>	
3703A-H	Nitrate WR CTA Tablets (50)	10.00	1
3703A-J	Nitrate WR CTA Tablets (100)	17.00	1
3976A-H	DO Tablets (50)	8.75	3
3976A-J	DO Tablets (100)	12.50	3
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
31822	Thermometer Strip (14-40°C)	2.60	
31821	Thermometer Strip (0-12°C)	2.60	
5886-STICKER	Secchi Disk Sticker	.20	
4-3616	Coliform Tubes/Tablets (5)	13.00	2

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5902-01/Limnology Outfit</b>			<b>\$425.00</b>
<b>R-5902-01/Rgt. Refill Only</b>			<b>\$136.00</b>
1583	Water Analysis Report Forms, 25		4.00
<b>See Individual Listings for:</b>			
7414	Dissolved Oxygen		49.00
3119	Nitrate/Phosphate		82.00
5858	pH		36.00
4463	Silica		66.80
7297-DR	Carbon Dioxide		35.00
4824-DR-LT	Hardness		52.95
<b>5903-02/Marine Science Outfit</b>			<b>\$425.00</b>
<b>R-5903-02/Rgt. Refill Only</b>			<b>\$142.00</b>
5115PT-H	Deionized Water (60mL)	1	3.60 5
1583	Water Analysis Report Forms, 25		4.00
0688	Water Sample Bottle		2.50
<b>See Individual Listings for:</b>			
7459-01	Salinity		56.00
7414	Dissolved Oxygen		49.00
5858	pH		36.00
7297-DR	Carbon Dioxide		35.00
4533-DR	Alkalinity		45.00
4824-DR-LT	Hardness		52.95
<b>5905-01/Water Pollution Kit AM-21</b>			<b>\$475.00</b>
<b>R-5905-01/Rgt. Refill Only</b>			<b>\$262.00</b>
<b>Alkalinity</b>			
4493-G	Alkalinity Titration Rgt. B (30mL)	1	5.65 2
2786-E	Total Alkalinity Ind. (15mL)	1	4.40 0.5
T-2246-J	Phenolphthalein Tablets (100)		7.35 3
0382	Direct Reading Titrator, 0-200ppm		5.35
0778	Test Tube w/cap		2.85
<b>Ammonia</b>			
4797WT-G	Ammonia Nitrogen Rgt. 1 (30mL)	1	7.10 3
4798WT-G	Ammonia Nitrogen Rgt. 2 (30mL)	1	13.95 2
0230	Tube, glass w/cap		2.20
7471	Ammonia Nitrogen Comp.		14.45
0691	Spatula		1.35
<b>Hardness</b>			
4483-E	Hardness Rgt. 5 (15mL)	1	5.15 1
4484-J	Hardness Rgt. #6 Tablets (100)	1	5.80 3
4259-E	Sodium Hydrox Rgt. (15mL) w/Metal Inhibitor	1	5.10 2
4487DR-G	Hardness Rgt. 7 (30mL)	1	5.20 3
T-5250-H	Calcium Hardness Ind. Tablets (50)		6.65 3
0382	Direct Reading Titrator, 0-200p50		5.35
0608	Test Tube		2.65
<b>Carbon Dioxide</b>			
2246-E	Phenolphthalein Ind. 1% (15mL)	1	3.90 3
4253-G	Carbon Dioxide Rgt. B (30mL)	1	6.90 3
0608	Test Tube		2.65
0380	Direct Reading Titrator, 0-50ppm		5.35

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>Chloride</b>			
4504-E	Chloride Rgt. 1 (15mL)	1	5.55 3
4505DR-H	Chloride Rgt. 2 (60mL)	1	8.15 2
0778	Test Tube		2.85
0382	Direct Reading Titrator, 0-200 ppm		5.35
0378	Direct Reading Titrator, 0-20 ppm		5.35
0352	Pipet		1.90
<b>Copper</b>			
6446-E	Copper 1 (15mL)	1	5.65 2
6613-E	Copper 2 (15mL)	2	6.10 2
0804	Test Tube		2.65
<b>Phosphate</b>			
4410-H	VM Phosphate Rgt. (60mL)	1	6.45 3
6405-C	Reducing Rgt. (5mL)	1	4.75 2
0230	Tube, glass w/cap		2.20
0354	Pipet, 1.0mL		2.35
0352	Pipet		1.90
7482	Phosphate Comp.		14.45
<b>Sulfide</b>			
4458-G	Sulfide Rgt. A (30mL)	1	7.30 2
4459-E	Sulfide Rgt. B (15mL)	1	6.15 2
4460-G	Sulfide Rgt. C (30mL)	1	6.45 3
0230	Tube, glass w/cap		2.20
0354	Pipet, 1.0mL		2.35
7477	Sulfide Comp.		14.45
<b>TDS</b>			
4802DR-H	TDS Rgt. A (60mL)	1	8.90 1
2299-E	Methyl Orange Ind. w/Halidex (15mL)	1	5.55 1.5
1079	Resin Column For TDS & Sodium Tests		10.60
0384	Direct Reading Titrator, 0-1,000		5.35
0354	Pipet, 1.0mL		2.35
0778	Test Tube w/cap		2.85
5115PT-H	Deionized Water (60mL)		3.60
<b>Chlorine</b>			
6899A-H	Chlorine DPD 4-R Tablets (50)		6.90 3
0106	Tube, plastic, w/cap		2.75
4551	Chlorine DPD Comp.		14.45
<b>pH</b>			
2220-H	Range Finding Ind. (60mL)	1	8.45 2
0230	Tube, glass w/cap		2.20
<b>Iron</b>			
4450-E	Iron Rgt. 1 (15mL)	1	5.65 3
4451-S	Iron Rgt. 2 Pwd (4.5g)	1	11.15 2
0230	Tube, glass w/cap		2.20
0696	Spoon		1.85
7474	Iron Comp.		14.45
1583	Water Analysis Report Form 25/pad		4.00

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>Chromium</b>			
4431-G	Chromate Ind. Powder (30g)	1	9.10 2
5115PS-J	Deionized Water (120mL)	1	4.05 5
0230	Tube, glass w/cap w/tube		2.20
0698	Spoon		1.85
7484	Chromate Comp		14.45
0694	Funnel Holder		2.35
0688	Water Sample Bottle		2.50

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>Nitrate</b>			
V-6278-H	Mixed Acid Rgt. (60mL)	2	9.00 3
V-6279-C	Nitrate Reducing Rgt. (5g)	1	8.50 1
0692	Dispenser Cap		.75
0699	Spoon		1.85
0820	Test Tube w/cap		2.05
7493	Nitrate-N Comp.		14.45
0352	Pipet		1.90

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>Cyanide</b>			
7388-G	Cyanide Rgt. #1 (30mL)	1	7.25 3
7389-G	Cyanide Rgt. #2 (30mL)	1	9.55 3
7390-G	Cyanide Rgt. #3 (30mL)	1	7.15 2.5
0804-NC	Test Tube w/cap		1.85
0465	Filter Paper, 100pk		8.75
0459	Funnel		2.95
28570	Cap for 0804-NC		.55

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5906/Earth Force Elementary Education Watershed Field Trip Kit \$60.00</b>			
3703A-H	Nitrate WR CTA Tablets (50)	10.00	1
3703A-J	Nitrate WR CTA Tablets (100)	17.00	1
3976A-H	DO Tablets (50)	8.75	3
3976A-J	DO Tablets (100)	12.50	3
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
31822	Thermometer Strip (14-40C)		2.60
31821	Thermometer Strip (0-12C)		2.60
5886-STICKER	Secchi Disk Sticker		.20
4-3616	Coliform Tubes/Tablets	13.00	2

\*Common Tubes and Accessories for TesTab kits on page 14

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5910/Chlorine DPD Kit, 0.5-5.0 ppm \$69.90</b>			
<b>R-5910/Rgt. Refill Only \$14.95</b>			
6905A-H	Chlorine #3 TesTabs, (50)	6.90	3
6999A-H	Chlorine #1 TesTabs, (50)	6.90	3
0106	Tube, plastic, w/cap		2.75
3596	Chlorine DPD Comp.		33.05

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5911/GREEN Low Cost Estuary &amp; Marine Monitoring Kit \$45.00</b>			
3703A-H	Nitrate WR CTA Tablets (50)	10.00	1
3703A-J	Nitrate WR CTA Tablets (100)	17.00	1
3976A-H	DO Tablets (50)	8.75	3
3976A-J	DO Tablets (100)	12.50	3
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
3885A-H	Chloride Tablets (50)	15.35	3
4-3616	Coliform Tubes/Tablets	13.00	3
31822	Thermometer Strip (14-40C)		2.60
31821	Thermometer Strip (0-12C)		2.60
5886-STICKER	Secchi Disk Sticker		.20

\*Common Tubes and Accessories for TesTab kits on page 14

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5913/Nitty-Gritty Soil Science \$25.00</b>			
3703A-H	Nitrate WR CTA Tablets (50)	10.00	1
3703A-J	Nitrate WR CTA Tablets (100)	17.00	1
5503A-H	Soil Wide Range TesTabs (50)	8.50	3
5504A-J	Floc-Ex TesTabs (100)	18.00	3
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
5424A-H	Potassium Tablets (50)	11.60	3
5424A-J	Potassium Tablets (100)	21.50	3
0106	Test Tube w/cap		2.75
0364	Pipet, trasfer, plastic		2.25

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5914/Funky Faucet Sink Science \$25.00</b>			
3701A-H	Copper HR Tablets (50)	11.60	4
3701A-J	Copper HR Tablets (100)	17.65	4
3725A-H	Iron (Rapid Dissolve) LR Tablets (50)	12.55	4
3725A-J	Iron (Rapid Dissolve) LR Tablets (100)	18.45	4
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
6899A-H	Chlorine DPD #4R Tablets (50)	6.90	3
6899A-J	Chlorine DPD #4R Tablets (100)	11.60	3
6917A-H	Hardness T(HR) Tablets (50)	8.55	3
6917A-J	Hardness T(HR) Tablets (100)	15.80	3
0106	Test Tube w/cap		2.75
0364	Pipet, trasfer, plastic		2.25

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5917-01/Water Pollution 1 \$550.00</b>			
<b>R-5917-01/Rgt. Refill Only \$221.00</b>			
1583	Water Analysis Report Forms, 25		4.00

See Individual Listings for:

7414	Dissolved Oxygen	49.00
3119	Nitrate Phosphate	82.00
4795	Ammonia Nitrogen	85.80
4463	Silica	66.80
7297-DR	Carbon Dioxide	35.00
4456	Sulfide	52.60
4503-DR-01	Chloride	41.55
5858	pH	36.00
4533-DR	Alkalinity	45.00
4824-DR-LT	Hardness	52.95

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5918/Urban Water Test Kit</b>		<b>\$41.00</b>	
3701A-H	Copper HR Tablets (50)	11.60	4
3701A-J	Copper HR Tablets (100)	17.65	4
3703A-H	Nitrate WR CTA Tablets (50)	10.00	1
3703A-J	Nitrate WR CTA Tablets (100)	17.00	1
3725A-H	Iron (Rapid Dissolve) LR Tablets (50)	12.55	4
3725A-J	Iron (Rapid Dissolve) LR Tablets (100)	18.45	4
3976A-H	DO Tablets (50)	8.75	3
3976A-J	DO Tablets (100)	12.50	3
5422A-H	Phosphorus Tablets (50)	9.00	3
5422A-J	Phosphorus Tablets (100)	14.00	3
6459A-H	Wide Range pH Tablets (50)	10.75	3
6459A-J	Wide Range pH Tablets (100)	19.65	3
6899A-H	Chlorine DPD #4R Tablets (50)	6.90	3
6899A-J	Chlorine DPD #4R Tablets (100)	11.60	3
6917A-H	Hardness T(HR) Tablets (50)	8.55	3
6917A-J	Hardness T(HR) Tablets (100)	15.80	3
4-3616	Coliform Tubes/Tablets	13.00	2
31822	Thermometer Strip (14-40C)	2.60	
31821	Thermometer Strip (0-12C)	2.60	

\*Common Tubes and Accessories for TesTab<sup>®</sup> kits on page 14

**5919/Water Pollution 2 \$575.00**

**R-5919/Rgt. Refill Only \$216.00**

1583	Water Analysis Report Forms, 25	4.00
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**See Individual Kit Listings for:**

7778	Sulfate	86.90
4227-R	Fluoride	147.35
7518	Manganese	164.30
7519	Turbidity	58.00

**5921-01/Water Pollution 3 \$510.00**

**R-5921-01/Rgt. Refill Only \$145.00**

1583	Water Analysis Report Forms, 25	4.00
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**See Individual Listings for:**

7387-01	Cyanide
4447	Iron
4430	Chromate
6616	Copper
7391-01	Zinc
5910	Chlorine

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5928/Soil Macronutrients</b>		<b>\$395.00</b>	
<b>R-5928/Rgt. Refill Only</b>		<b>\$197.00</b>	
0615-J	Soil Sampling Bags, 100/pk	38.20	
1055	Soil Sampling Tube	28.50	

**pH Unit**

5941PT-J	Tricon Flocculating Rgt. (120mL)	1	10.00	3
5173PS-J	Universal Extracting Solution (120mL)	1	8.15	3
5937-E	Tricon pH Ind. (15mL)	6.50	1.5	
5941PS-J	Tricon Flocculating Rgt. (120mL)	10.00	3	
0845	Test Tube for Tricon	2.65		
0698	Spoon, 0.5g	1.85		
5936	pH Octet Comp., Soil pH	33.05		

**Nitrate Unit**

5146-G	Nitrate Rgt. 1 (30mL)	1	10.20	2
5147-G	Nitrate Rgt. 2 Powder (30g)	1	12.65	2
5173PS-J	Universal Extracting Solution (120mL)	1	8.15	3
5173PT-J	Universal Extracting Solution (120mL)	1	8.15	3
0698	Spoon, 0.5g	1.85		
0392	Pipet, plain plastic, w/cap	2.75		
0698	Spoon, 2.5g	1.85		
0755	Tube, plastic, w/cap	2.10		
0459	Funnel	2.95		
0749	Filtrate Test Tube	2.35		
0354	Pipet, plastic, 1.0mL	2.35		
0159	Spot Plate	5.25		
1315	Color Chart, Nitrate	2.40		
0465-H	Filter Paper, 50/pk	6.85		
0519	Stirring Rod	1.25		

**Phosphorus Unit**

5156-G	Phosphorus Rgt. 2 (30mL)	1	7.30	2
5157-H	Phosphorus Rgt. 3 Tablets (50)	5.50	3	
5173PS-J	Universal Extracting Solution (120mL)	1	8.15	3
5173PT-J	Universal Extracting Solution (120mL)	1	8.15	3
0755	Test Tube, plastic w/cap	2.10		
0244	Phosphorus B Tube	2.05		
0459	Funnel	2.95		
0749	Filtrate Tube	2.35		
0698	Spoon, 0.5g	1.85		
1312	Color Chart, Phosphorus	2.40		
0465-H	Filter Paper, 50/pk	6.85		
0341	Pipet, plastic, w/cap	2.25		

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5928/Soil Macronutrients...continued</b>			
<b>Potassium Unit</b>			
5161-H	Potassium Rgt. B Tablet (50)	13.05	3
5162-J	Potassium Rgt. C (120mL)	1	7.45 2
5173PS-J	Universal Extracting Solution (120mL)	1	8.15 3
5173PT-J	Universal Extracting Solution (120mL)	4	8.15 3
0246	Potash B Tube		3.45
0698	Spoon, 0.5g		1.85
0749	Filtrate Tube		2.35
0459	Funnel		2.95
1107	Potash Reading Plate		7.25
0364	Pipet, plastic, transfer		2.25
0465-H	Filter Paper, 50/pk		6.85
0755	Test Tube, plastic w/cap		2.10
0692	Dispenser cap		.75

**1067 Soil Texture See Individual Test Kit Listing**

<b>5938-01/Soil Micronutrients</b>		<b>\$480.00</b>	
<b>R-5938-01/Rgt. Refill Only</b>		<b>\$265.30</b>	
5173PS-K	Universal Extracting Solution (250mL)	2	10.20 3
5173PT-K	Universal Extracting Solution (250mL)	4	10.20 2
5111-S	Chloride Test Solution (5mL)	1	8.90 2
5108PS-G	Calcium Test Solution (30mL)	1	7.10 3
5103WT-G	Ammonia Nitrogen Test Solution (30 m75)	1	9.30 2
5151WT-G	Nitrite Nitrogen Rgt. 1 (30 mL)	1	9.20 2
5152WT-G	Nitrite Nitrogen Rgt. 2 (30mL)	1	7.10 3
5153WT-G	Nitrite Nitrogen Rgt. 3 (30mL)	1	7.10 3
5116PS-G	Ferric Iron Test Solution (30mL)	1	8.90 2
5275-D	Iron Rgt. Powder (10g)	1	7.10 2
5101-G	Aluminum Test Solution (30mL)	1	7.10 2
5171-G	Sulfate Test Solution (30mL)	1	7.10 2
5140-G	Magnesium Test Solution (30mL)	1	7.10 2
5145WT-G	Magnesium & Manganese Solution 2 (30mL)	1	7.10 2
6311-E	Manganese Periodate Rgt. (30mL)	1	46.10 2
0615-G	Soil Sample Bags, 50		14.85
6310-D	Manganese Buffer Rgt. (10g)	1	6.25 2
1303	Color Chart, Calcium in Soil		4.45
1304	Color Chart, Chloride in Soil		2.85
0755	Test Tube, plastic w/cap		2.10
0749	Filtrate Tube		2.35
0698	Spoon, 0.5g		1.85
0465	Filter Paper, 100/pk		8.75
0364	Plastic Pipet		2.25
0242	Test Tube, glass/cap		1.35
0352	Pipet, plastic, dropping		1.90
1151	Demineralizer Bottle		13.65
0519	Stirring Rod		1.25
0159	Spot Plate		5.25
0698	Spoon, 0.5g		1.85
0749	Filtrate Tube		2.35
0459	Funnel		2.95
0465-H	Filter Paper, 50/pk		6.85
1302	Color Chart, Ammonia Nitrogen		2.35
1310	Color Chart, Nitrite Nitrogen		2.40

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5938-01/Soil Micronutrients...continued</b>			
1306	Color Chart, Magnesium in Soil		2.40
1307-01	Color Chart, Manganese in Soil		2.40
0371	Pipet, glass, w/cap		5.40
0696	Spoon, 0.05g		1.85
1301	Color Chart, Aluminum in Soil		2.35
1314	Color Chart, Sulfate in Soil		2.40
1348	Color Chart, Iron, Ferric, in Soil		2.40
0392	Pipet, plastic, w/cap		2.75

**5939/The Shore Tour/Living Responsibly on the Edge of the Ocean** **\$80.00**  
**R-5939 Parts Refill Only** **\$20.00**

**5944/Inspector Hector's Everyday Science Tour** **\$80.00**  
**R-5944 Reagent Refill Only** **\$32.00**

2964-G	Free Chlorine Strips (25)		5.20
3885A-H	Chloride Tablets (50)		15.35
2974	WR pH Strips (50)		9.00
2981	Hardness Strips (50)		9.10
0353	Pipet 0.5mL		2.25
30444	Pipet, 7.5 mL		.25
0106	Tube		2.75

**5962/Water Treatment Lab** **\$72.45**  
**R-5962/Rgt. Refill Only** **\$38.00**

6999A-H	Chlorine DPD #1R Tablets (50)	6.90	4
5647-E	Hypochlorite Solution (15mL)	1	7.00 1.5
5638-H	Charcoal Suspension (60mL)	1	11.70 3
5633-C	Color-Turbidity Mixture Pwd (5g)	1	5.45 3
0692	Dispenser Cap		.75
1151	PWB-3 Demin. Bottle		13.65
0755	Tube, plastic w/cap		2.10
0749	Test Tube w/cap		2.35
0699	Spoon, 0.1g		1.85
0465	Filter Paper, 100/pk		8.75
5962-LP	Lesson Plan-Water Treatment		FREE

**5963/Dissolved Oxygen Lab** **\$37.40**

3976A-H	Dissolved Oxygen Tablets, (50 )	8.75	3
0125	Tube, glass w/cap		2.00
5963-LP	Lesson Plan-Dissolved Oxygen		FREE

**5964/Water pH Lab** **\$61.20**  
**R-5964/Rgt. Refill Only** **\$26.00**

5701PS-K	pH Ind. (250mL)	1	13.75 2
5612-E	Acetic Acid 0.1N (15mL)	1	8.15 3
5614-J	Calcium Carbonate (10g)	1	7.75 2
0698	Spoon, 0.5g		1.85
0692	Dispenser Cap		.75
0755	Tube, plastic w/cap		2.10
5964-LP	Lesson Plan-Water pH		FREE

**5965/Soil pH Lab** **\$46.75**  
**R-5965/Rgt. Refill Only** **\$19.00**

5701-J	pH Ind. (120mL)	1	9.75 2
5711-G	Soil Sample A (30g)	1	7.25 6
5712-G	Soil Sample B (30g)	1	7.25 6
0698	Spoon, 0.5g		1.85
0755	Tube w/cap		2.10
0692	Dispenser Cap		.75
5965-LP	Lesson Plan-Soil pH .		FREE

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>5966/Soil Texture Lab \$39.75</b>			
5644WT-H	Texture Dispersing Rgt. (60mL)	1	7.55 3
25723-Jar	Soil Texture Sample (350g)	1	6.65
0763-NC	Tube		2.00
28710	Cap		.40
5966-LP	Lesson Plan-Soil Texture		FREE
<b>5967/Tap Water Hardness Lab \$73.50</b>			
<b>R-5967/Rgt. Refill Only \$49.60</b>			
5615-G	Soap Rgt., Standardized (30mL)	5	6.70 2
5617-L	Hard Water, Standardized (500mL)	1	8.35 3
5630-H	Ion Exchange Resin (60g)	1	9.60
0755	Tube w/cap		2.00
0701	Test Tube w/cap		1.90
0697	Spoon, 1.0g		1.75
0364	Pipet		2.10
0392	Pipet		2.60
5967-LP	Lesson Plan-Hardness In Water		FREE
<b>5968/Soil Nutrients-Nitrate Lab \$65.65</b>			
<b>R-5968/Rgt. Refill Only \$25.00</b>			
5702-K	Nitrogen Extraction Solution (250mL)	1	10.50 3
5703-G	Nitrogen Ind. Powder (30g)	1	9.45 2
5713-H	Nitrogen Soil Mixture (60g)	1	9.60 6
0755	Tube w/cap		2.10
0364	Pipet		2.25
0698	Spoon, 0.5g		1.85
0695	Spoon, 0.25g		1.85
5968-LP	Lesson Plan-Soil Nitrate		FREE
<b>5969/Soil Nutrients-Phosphorus Lab \$73.45</b>			
<b>R-5969/Rgt. Refill Only \$35.00</b>			
5704-K	Phosphorus Extracting Solution (250mL)	1	10.20 3
5705-E	Phosphorus Ind. Rgt. (15mL)	1	6.85 2
5706-G	Phosphorus Test Tablets (25)		4.80 3
5714-H	Phosphorus Soil Mix (60g)	2	9.60 6
0755	Tube w/cap		2.10
0364	Pipet		2.25
0698	Spoon, 0.5g		1.85
5969-LP	Lesson Plan-Soil Phosphorus		FREE
<b>5970/Soil Nutrients-Potassium Lab \$73.45</b>			
<b>R-5970/Rgt. Refill Only \$40.00</b>			
5707-K	Potassium Extracting Solution (250mL)	1	10.20 3
5708-G	Potassium Ind. Tablets (25)		4.80 2
5709-E	Potassium Test Solution (15mL)	5	6.85 2
5715-H	Potassium Soil Mix (60g)	1	9.60 6
0755	Tube w/cap		2.10
0364	Pipet		2.25
0698	Spoon		1.85
5970-LP	Lesson Plan-Soil Potassium		FREE
<b>5971/Nutrients In Water Lab \$66.60</b>			
<b>R-5971/Rgt. Refill Only \$37.00</b>			
2799A-H	Nitrate #1 Tablets, (50)		8.55 3
NN-3703A-H	Nitrate #2 CTA Tablets, (50)		10.00 1
5422A-H	Phosphorus Tablets, (50)		9.00 3
5421A-H	Nutritab Tablets, (50)		8.50 3
5115PS-K	Deionized Water (250mL)	1	5.10 5
0106	Tube, plastic, w/cap		2.75
5971-LP	Lesson Plan-Nutrients In Water		FREE

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>6616/Copper Comp. Kit \$81.60</b>			
6446-E	Copper 1 (15mL)	1	5.65 2
0822	Tube, glass w/cap		2.10
2748	Distilled Water Ampoule		3.35
2071	Axial Reader		22.80
6617	Copper Comp.		33.05
0354	Pipet		2.25
<b>6662/Algae Kit \$132.45</b>			
<b>R-6662/Rgt. Refill Only \$67.35</b>			
6319-H	Methyl Alcohol (50mL)	1	10.00 2
1157	Filter Paper, 100/pk		58.60
0598	Filter Holder, Plastic, 25mm		27.10
0608	Test Tube, glass 5-25 mL, w/cap		2.65
0230	Tube, glass w/cap		2.20
0943	Syringe		10.05
1175	Tubing, Tygon, 36"		8.35
<b>7182/Acidity Kit \$33.85</b>			
5648-G	Sodium Hydrox 2.4N (30mL)	1	8.15 3
2258-E	Phenolphthalein Ind. (15mL)	1	4.00 3
0353	Pipet		2.25
0715	Tube w/cap		2.60
<b>7297-DR/Carbon Dioxide Kit \$35.00</b>			
<b>R-7297-DR/Rgt. Refill Only \$11.75</b>			
2246-E	Phenolphthalein Ind. 1% (15mL)	1	3.90 3
4253DR-H	Carbon Dioxide Rgt. B (60mL)	1	7.35 3
0380	Direct Reading Titrator, 0-50		5.35
0608	Test Tube w/cap		2.65
<b>7387-01/Cyanide In Water Test \$118.70</b>			
<b>R-7387-01/Rgt. Refill Only \$67.40</b>			
6130-E	Hydrochloric Acid 1N (15mL)	1	4.50 2
4004-E	Sodium Hydroxide 1.0N (15mL)	1	4.75 2
2850PS-H	Cyanide Buffer (60mL)	1	10.55 1.5
2794DS-C	Cyanide Cl Rgt. (5g)	1	8.35 1.5
2793DS-C	Cyanide Ind. Rgt. (5g)	1	19.05 2
2955	pH Short Range Test Paper		15.25
0696	Spoon, 0.5g		1.85
0353	Pipet		2.25
0230	Tube, glass w/cap		2.20
4417	Cyanide Comp.		33.05
0519	Stirring Rod		1.25
<b>8137/Nitrate-Nitrogen Enzyme Reduction</b>			
8139-H	Nitrate Buffer(60mL)		
<b>7391-01/Zinc Kit \$100.00</b>			
<b>R-7391-01/Rgt. Refill Only \$20.80</b>			
7393-G	Zinc Rgt. Powder (30g)	1	9.45 2
7361-E	Zinc Conditioning Rgt. (15mL)	1	7.40 2
1151	Demineralizer Bottle (60mL)	1	13.65
0698	Spoon, 0.5g		1.85
0354	Pipet		2.35
0230	Tube, glass w/cap		2.20
7392	Zinc Comp.		33.05

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>7414/Dissolved Oxygen Kit</b>		<b>\$49.00</b>	
<b>R-7414/Rgt. Refill Only</b>		<b>\$29.00</b>	
4167-G	Manganous Sulfate Solution (30mL)	1	7.00 3
7166-G	Alkaline Pot Iodide-Azide (30mL)	1	9.25 3
6286-H	Sulfamic Acid Pwd (50g)	1	8.45 2
4169-H	Sodium Thiosulfate .025N (60mL)	1	7.00 1.5
4170WT-G	Starch Ind. Solution (30mL)	1	5.50 1.5
0377	Direct Reading Titrator, 0-10		5.35
0608	Test Tube w/cap		2.65
0688-DO	Water Sample Bottle		4.00
0697	Spoon, 1.0g		1.85

<b>7416-01/Phosphate Kit</b>		<b>\$95.80</b>	
<b>R-7416-01/Rgt. Refill Only</b>		<b>\$11.25</b>	
4410-G	VM Phosphate Rgt. (30mL)	2	5.85 3
6405-G	Reducing Rgt. (30mL)	1	6.45 2
2071	Axial Reader		22.80
0843	Test Tube w/cap		2.65
2748	Distilled Water Ampoule		3.35
0352	Pipet		1.90
0354	Pipet, 1.0mL, Plastic		2.35
7608	Phosphate Comp.		33.05

<b>7459-01/Salinity Kit</b>		<b>\$56.00</b>	
<b>R-7459-01/Rgt. Refill Only</b>		<b>\$33.00</b>	
7460-E	Salinity Ind. Rgt. A (15mL)	1	6.65 3
7461DR-G	Salinity Titration (30mL)	2	12.40 2
0778	Test Tube w/cap		2.85
0378	Direct Reading Titrator, 0-20 ppm		5.35
0376	Direct Reading Titrator, 0-1.0 ppm		5.35
1151	Demineralizer Bottle		13.65

<b>7518/Manganese Kit</b>		<b>\$164.30</b>	
<b>R-7518/Rgt. Refill Only</b>		<b>\$29.40</b>	
7217-H	Manganese Rgt. A (60mL)	1	14.80 3
7218-G	Manganese Rgt. B Pwd (30g)	1	7.70 2
5115PT-J	Deionized Water (120mL)	1	4.05
0698	Spoon, 0.5g		1.85
0354	Pipet		2.35
2748	Distilled Water Ampoule		3.35
0822	Tube, glass w/cap		2.10
0431	Flask		7.65
0417	Graduated Cylinder		19.40
1113	Test Tube Holder		9.80
2071	Axial Reader		22.80
7426	Manganese Comp.		33.05
0231	Tube, glass		1.90

<b>7519/Turbidity Kit</b>		<b>\$58.00</b>	
7520-H	Standard Turbidity Rgt. (60mL)	1	10.00 2
0513	Brush		2.45
0835	Turbidity Column		17.00
1114	Stirring Rod		2.55
0369	Pipet		2.60

<b>7523/Color In Water Kit</b> (complete kit no longer available)			
6058-H	Std Color Rgt. (60mL)		13.75
0369	Pipet		2.60
7524	Color Column		10.20
0513	Brush		2.45
1114	Stirring Rod		2.55

Order Code	Description	Qty/ Kit	Exp. Price (yrs)
<b>7778/Sulfate Kit</b>		<b>\$86.90</b>	
6456-H	Sulfate Turbidity Tablet (50)	30.65	2
0822	Tube, glass w/cap		2.10
7779	Sulfate Comp.		33.05
<b>7787/Iron Kit</b>		<b>\$89.00</b>	
<b>R-7787/Rgt. Refill Only</b>		<b>\$17.50</b>	
4450-G	Iron Rgt. 1 (30mL)	1	6.30 3
4451-S	Iron Rgt. 2 Pwd (4.5g)	1	11.15 2
0727	Spoon, Measuring		1.95
0776	Test Tube w/cap		2.35
7788	Iron Comp.		33.05
2071	Axial Reader		22.80
2748	Distilled Water Ampoule		3.35

<b>7884/Aux Phosphorus Kit</b>		<b>\$115.55</b>	
<b>R-7884/Rgt. Refill Only</b>		<b>\$46.90</b>	
7885-H	Sulfuric Acid 36% (60mL)	1	10.35 3
7886-J	Sodium Hydrox Soln 15% (120mL)	1	10.00 3
2246-E	Phenolphthalein Ind. 1% (15mL)	1	3.90 3
6566-G	Ammonium Persulfate Rgt. (30g)	1	8.90 2
5115PT-J	Deionized Water (120mL)	1	4.05
7888-D	Boiling Stones		4.50
0418	Graduated Cylinder		21.75
0459	Funnel		2.95
0463	Filter Paper		9.55
0431	Flask		7.65
0354	Pipet		2.35
0698	Spoon		1.85

**\*Common Tubes and Accessories for TesTab® kits**

0106	Test Tube 2.5,5,10 ml w/cap	2.75
0125	Vial, glass w/screw cap	2.00
0608	Test Tube, glass, 5,10,12.9,15,20,25 ml	2.65
0688	Bottle, water sample, plastic, 2 oz	2.50
0688-DO	Bottle, water sample, glass, 60 ml	4.00
0788	Test tube, plastic w/cap, 10,25,50,100 ml	3.20
31822	Thermometer Strip (14-40C)	2.60
31821	Thermometer Strip (0-12C)	2.60
5886-STICKER	Secchi Disk Sticker	.20



# are my MONITORING REAGENTS still good



Avoid waste, save money, and ensure accurate test results

You have just purchased a water quality test kit which includes several different reagents OR you have just inherited one from a previous monitor/educator and several questions come to mind.:

1. If I do not use all these reagents during my testing, and given proper care, how long will they stay reliable?
2. How do I determine whether a reagent is still good?
3. Do I consider when they were purchased or when they were opened to determine their length of usefulness?

## How to Determine Reagent Manufacture and Expiration Dates

Most users of water quality test kits are unaware of how to determine the reagent shelf-life, or that *length of time when a reagent can, given proper care, produce accurate and reliable results*. The basic guideline used by most seems to be one year from the date of opening. This can lead to both a waste of useful reagents and precious budgeted money. It can also lead to the use of reagents long past their shelf-life because they have only recently been opened.

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 reagents as part of a

specific batch of reagent produced on that date. The first two digits of the lot number identify the week, and the third digit identifies the year of manufacture. For example, a reagent with a lot number of 257717 was manufactured the 25th week of the year 2007. A reagent with the lot number of 0812321 was manufactured the 8th week of the year 2001. With the



knowledge of a reagents shelf-life (see chart) and using the information provided within the lot number found on the reagent bottle, the expiration date of

the Rgt. can easily be determined. This date of expiration can then be marked on the label or on a data sheet. This will ensure proper planning for ordering refills.

Presented in the table is the shelf-life of monitoring reagents commonly used for water quality analysis. Using this table and the lot number found on each reagent bottle will assist the user in determining the reagents expiration date, planning refill orders, saving money, as well as ensure reliable and accurate test results. If the shelf-life of your reagent is unknown, one year from the date of manufacture is still a good rule of thumb.

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



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