



Code 3114-02

Order Code	Test System (Detailed On Pages 6-7)	Range/Sensitivity	# of Tests (# Reagents)	Reagent Refill Order Code	Shipping Code (Weight/Lbs)
<b>PHOSPHATE</b> There are 3 colorimetric test methods. In two, a phosphomolybdate complex is reduced by stannous chloride or ascorbic acid to produce a blue color. In a third, phosphate forms a yellow complex with vanadomolybdate.					
<b>3242</b> <b>DC1500-PLR</b>	Ascorbic Acid Colorimeter	0-3.0 ppm/0.07 ppm PO <sub>4</sub> <sup>3-</sup>	100 [2]	R-3242	R2 [7]
<b>3121-02</b>	Ascorbic Acid LRC Comparator	0, 0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0 ppm PO <sub>4</sub> <sup>3-</sup>	50 [2]	R-3121-02	R1 [1]
<b>3114-02</b>	Ascorbic Acid Octa-Slide 2 Comparator	0.5, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, 10.0 ppm and 5.0, 10.0, 20.0, 30.0, 40.0, 60.0, 80.0, 100.0 ppm PO <sub>4</sub> <sup>3-</sup>	50 [2]	R-3114-02	R1 [1]
<b>4408-01</b>	Stannous Chloride Octa-Slide 2 Comparator	Low: 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 ppm PO <sub>4</sub> <sup>3-</sup> High: 10, 20, 30, 40, 50, 60, 80, 100 ppm PO <sub>4</sub> <sup>3-</sup>	50 [2]	R-4408-01	LQ [1]
<b>4401-02</b>	Vanadate Molybdate Octa-Slide 2 Comparator	10, 20, 30, 40, 50, 60, 70, 80 ppm PO <sub>4</sub> <sup>3-</sup>	50 [1]	R-4401-02	R1 [1]
<b>PHOSPHATE (TOTAL)</b> Polyphosphates [acid-hydrolyzable or condensed] and phosphonates [organic phosphates] are reverted using the reagents and apparatus in the 7884 Auxiliary Phosphate kit. The polyphosphates require boiling or microwaving with acid and subsequent neutralization; the phosphonates require the same, but with the addition of an oxidizer in the boiling/microwaving step. Once reverted to orthophosphate, any of the tests in the orthophosphate section above may be used for analysis. See page 17 for Total Phosphorus Digestion Tube Tests.					HF [2]
<b>PHOSPHONATE</b> The Chromazurol S method may be used for Dequest [xo], Bayhibit [CAS], Belcor 575 [xo] and Belsperse 161 phosphonates [CAS]. An additional liquid acid is included for very high alkalinity samples. It also includes a fluoride inhibitor reagent.					
<b>7625-DR-01</b>	CAS Direct Reading Titrator	0-20 ppm/0.4 ppm HEDP/PBTC	50 at 20 ppm [5]	R-7625-DR-01	R1 [1]
<b>7625-01</b>	CAS Dropper Pipet	1 drop = 1.25 ppm HEDP 1 drop = 1.4 ppm PBTC	50 at 20 ppm [5]	R-7625-01	R1 [1]
<b>7530-DR-01</b>	XO Direct Reading Titrator	0-20 ppm/0.4 ppm NaAMP	50 at 20 ppm [5]	R-7530-DR-01	R1 [2]
<b>7530-WT-01</b>	XO Dropper Bottle	1 drop = 1 ppm NaAMP	50 at 20 ppm [5]	R-7530-WT-01	R1 [2]
<b>POLYQUAT</b> The test is based on the reaction of the cationic polyquat with an anionic polyelectrolyte using Toluidine Blue O as the indicator. The color change is blue to purple.					
<b>7056-01</b>	Dropper Bottle	1 drop = 1 ppm Polyquat	100+ [5]	R-7056-01	R1 [1]

Ship Codes: [NH] Non-Hazardous Material - No Fees · [R1] Small Qty, Hazardous Material - No Fees · [LQ, R2, R3] Hazardous Material - Air Fees Only · [HF] Hazardous Material - Air & Ground Fees  
 \*(NPDR) EPA Accepted · †(NPDES) EPA Accepted · Direct Reading Titrators have a specific range, but may be refilled to test higher concentrations.