



Many wood treating companies use QAC kits to monitor their products because the wood preservatives react similarly to QAC.

Code 3043-DR-01

Order Code	Test System (Detailed On Pages 6-7)	Range/Sensitivity	# of Tests (# Reagents)	Reagent Refill Order Code	Shipping Code (Weight/Lbs)
<p><b>SULFIDE</b> Both kits use the Pomeroy methylene blue method for analysis. The colorimetric method uses color standards to read total sulfide. Total, dissolved and hydrogen sulfide can be separated in the titration test. The total sulfide is determined using a color dye which is added to an unreacted sample until it matches a reacted sample. The same procedure is used for dissolved sulfide, after insoluble matter is removed by aluminum floc. Hydrogen sulfide is determined by measuring pH and multiplying the dissolved sulfide concentration by a pH correction factor.</p>					
4456-01	Total Sulfide Octa-Slide 2 Comparator	0.2, 0.5, 1.0, 2.0, 5.0, 10.0, 15.0, 20.0 ppm S <sup>2-</sup>	50 [3]	R-4456-01	R1 [1]
4630+*	Total, Dissolved & Hydrogen Sulfide Dropper Pipet	1 drop = 1.0 or 0.1 ppm S <sup>2-</sup> or H <sub>2</sub> S	70 at 10 ppm [8]	R-4630+*	LQ [10]
<p><b>SULFITE</b> An iodide-iodate titrant oxidizes sulfite to sulfate under acid conditions, until all of the sulfite is reacted. The titrant then reacts with starch to form a blue color signifying the endpoint.</p>					
7175-DR-01	Direct Reading Titrator	0-100 ppm/2 ppm SO <sub>3</sub> <sup>2-</sup>	50 at 100 ppm [3]	R-7175- DR-01	R1 [1]
7175-01	Dropper Pipet	1 drop = 5 ppm SO <sub>3</sub> <sup>2-</sup>	50 at 100 ppm [3]	R-7175-01	R1 [1]
7132-01	Dropper Bottle	1 drop = 2, 5, or 10 ppm SO <sub>3</sub> <sup>2-</sup>	100+ [3]	R-7132-01	R1 [1]
<p><b>TANNIN/LIGNIN</b> Tungstophosphoric and molybdophosphoric acids are reduced by tannins and lignins to form a blue color.</p>					
7831-01	Octa-Slide 2 Comparator	1, 2, 3, 4, 5, 6, 8, 10 ppm Tannin or lignin like substances	50 [2]	R-7831-01	R1 [1]
<p><b>TOLCIDE PS BIOCID</b> This kit was developed in cooperation with Solvay, for the determination of tetrakis(hydroxy-methyl) phosphonium sulfate (THPS). The iodometric titration may be used for fresh or salt water in oilfields, towers, pulp and paper, etc.</p>					
4-8776-01	Direct Reading Titrator	0-100/2 ppm THPS	60 [5]	R-4-8776-01	NH [1]
<p><b>TURBIDITY</b> Testing for turbidity in regulated water systems is a critical step in assuring compliance and treatment efficacy.</p>					
<p>See page 12-15 for instrumentation.</p>					
<p><b>ZINC</b> In a solution buffered to pH 9, zincon reacts with zinc to form a blue color.</p>					
7391-02	Octa-Slide 2 Comparator	0, 1, 2, 3, 4, 6, 8, 10 ppm Zn	50 [2]	R-7391-02	NH [1]
7417-02	Octa-Slide 2 Comparator	0, 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4 ppm Zn	50 [2]	R-7417-02	NH [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.