

# SULFITE - ZINC



Cooling sulfite samples will cause low results due to sulfite reaction with air. Testing samples that are too hot may decompose the starch indicator, resulting in a brown endpoint.

ORDER CODE MODEL	TEST SYSTEM (DETAILED ON PAGES 6-7)	RANGE/SENSITIVITY	# OF TESTS (# REAGENTS)	SHIPPING CODE (WEIGHT/ LBS)
<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.				
7175-DR SIT-DR	Direct Reading Titrator	0-100 ppm/2 ppm SO <sub>3</sub> <sup>2-</sup>	50 at 100 ppm (3)	R1 (1)
7175 SIT-DC	Dropper Pipet	1 drop = 5 ppm SO <sub>3</sub> <sup>2-</sup>	50 at 100 ppm (3)	R1 (1)
7132	Dropper Bottle	1 drop = 2, 5, or 10 ppm SO <sub>3</sub> <sup>2-</sup>	100+ (3)	R1 (1)
<b>TANNIN/LIGNIN</b> Tungstophosphoric and molybdophosphoric acids are reduced by tannins and lignins to form a blue color.				
7831 TL	Octet Comparator	1, 2, 3, 4, 5, 6, 8, 10 ppm Tannin or lignin like substances	50 (2)	R1 (1)
<b>TOLCIDE PS BIOCIDE</b> This kit was developed in cooperation with Rhodia, formerly Albright & Wilson, for the determination of tetrakis(hydroxymethyl) phosphonium sulfate (THPS). The iodometric titration may be used for fresh or salt water in oilfields, towers, pulp and paper, etc.				
4-8776	Direct Reading Titrator	0-100/2 ppm THPS	60 (5)	NH (1)
<b>ZINC</b> In a solution buffered to pH 9, zincon reacts with zinc to form a blue color.				
7391-01 ZN	Octet Comparator	0, 1, 2, 3, 4, 6, 8, 10 ppm Zn	50 (2)	NH (1)
7417-01 ZN-LR	Octet Comparator	0, 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4 ppm Zn	50 (2)	NH (1)

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