

SULFITE - ZINC

INDIVIDUAL TEST KITS



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)
SULFITE 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 ₃ ²⁻	50 at 100 ppm (3)	R1 (1)
7175 SIT-DC	Dropper Pipet	1 drop = 5 ppm SO ₃ ²⁻	50 at 100 ppm (3)	R1 (1)
7132	Dropper Bottle	1 drop = 2, 5, or 10 ppm SO ₃ ²⁻	100+ (3)	R1 (1)
TANNIN/LIGNIN 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)
TOLCIDE PS BIOCIDE 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)
ZINC 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)

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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.