

HYDROGEN PEROXIDE - LEAD



Many iodometric titrations use starch to enhance the endpoint. This should only be added near the end of the titration. High iodine concentrations, present early in the determination, can decompose starch.

INDIVIDUAL TEST KITS

ORDER CODE MODEL	TEST SYSTEM DETAILED ON PAGES 6-7	RANGE/SENSITIVITY	# OF TESTS (# REAGENTS)	SHIPPING CODE (WEIGHT/LBS)
HYDROGEN PEROXIDE Although peroxide may be tested colorimetrically with DPD, the most common method is iodometric titration using a standard thiosulfate solution. Both methods are offered.				
3188 HP-40	DPD Tablet Octet Comparator	Low: 0.1, 0.3, 0.5, 0.75, 1.0, 1.25, 1.5, 2.0 ppm H ₂ O ₂ High: 2, 6, 10, 15, 20, 25, 30, 40 ppm H ₂ O ₂	50 (2)	NH (1)
7138-DB	Iodometric Dropper Bottle	1 drop = 5 ppm H ₂ O ₂	50 (4)	HF (2)
7150	Iodometric Dropper Bottle	1 drop = 0.5% H ₂ O ₂	50 (4)	HF (2)
2984LR-H	Test Strips	0, 1, 3, 10, 30, 50	50 (1)	NH (1)
IODINE As with many other oxidizers, iodine may be titrated with a standard thiosulfate solution, hence the name iodometric titration.				
7253-DR PIT-DR	Direct Reading Titrator	0-50 ppm/1 ppm I ₂	50 at 50 ppm (3)	R1 (1)
7253 PIT-DC	Dropper Pipet	1 drop = 2.5 ppm I ₂	100 at 25 ppm (3)	R1 (1)
2948-BJ	Test Papers	12, 25, 50, 100 ppm I ₂	200	NH (1)
IRON Bipyridyl is a ferrous iron indicator that tests total iron after any ferric iron is reduced to ferrous in the sample. Ferrous and ferric may be tested separately by eliminating the reduction step. A similar ferrous indicator, 1,10 phenanthroline, is used in the DC1200 kit.				
7787 P-62	Total Iron Octet Comparator with Axial Reader	0.05, 0.10, 0.20, 0.30, 0.40, 0.60, 0.80, 1.0 ppm Fe	30 (2)	R1 (1)
3318 SL-P61	Total Iron Octa-Slide	0.5, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, 10.0 ppm Fe	90 (2)	R1 (1)
3347 SL-P-63	Ferrous/Ferric Iron Octa-Slide	0.5, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, 10.0 ppm Fe	100 (2)	R1 (1)
3681-01 DC1200-FE	Total Iron 1, 10 Phenanthroline Colorimeter	0-4.0 ppm/0.25 ppm Fe	100 (2)	R1 (1)
LEAD The presence of lead in solder is detected by the reaction of a solder sample with acid and sodium rhodizonate.				
3582 PBS	Spot Plate Plumbing Inspector Kit	Yes/No	100 (3)	R1 (2)

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.