

Hach Reagent Sets for Colorimetry & Spectrophotometry (continued)



MFR #	PARAMETER	METHOD	RANGE (mg/L)	# TESTS	STOCK #	EACH	Use with:				
							DR300/Pocket Colorimeter II	DR900	DR1900	DR3900	DR6900
TNT840	Nitrite, HR, TNTplus	Diazotization	0.6 to 6.0	25	201333	\$					
TNT841	Nitrite, UHR, TNTplus	Diazotization	2 to 90	25	90547						
2107569	Nitrite, Nitrogen, HR	Ferrous Sulfate	2 to 250	100	77273						
Nitrogen, Ammonia (See Ammonia Nitrogen)											
TNT826	Nitrogen, Total, LR, TNTplus	Persulfate Digestion	1 to 16	25	37963						
2672245	Nitrogen, Total, LR, TNT	Persulfate Digestion	0.5 to 25	25 to 50	32521						
TNT827	Nitrogen, Total, LR, TNTplus	Persulfate Digestion	5 to 40	25	37964						
2714100	Nitrogen, Total, HR, TNT	Persulfate Digestion	10 to 150	25 to 50	77288						
TNT828	Nitrogen, Total, UHR, TNTplus	Persulfate Digestion	20 to 100	25	37965						
2604945	Nitrogen, Total Inorganic, TNT	TiCl ₃ Reduction	0.2 to 25.0	25 to 50	77264						
TNT880	Nitrogen, Simplified TKN, TNTplus	s-TKN	0 to 16	25	203680						
2495300	Nitrogen, Total Kjeldahl (TKN)	Nessler	1 to 150	250	77277						
Organic Carbon, Total (See TOC)											
—	Organic Constituents, UV-Absorbing (UV-254)	Direct Reading	Varies	—	—	—					
Oxygen, Dissolved (See Dissolved Oxygen)											
Oxygen Demand (See COD)											
2516025	Ozone, AV, LR	Indigo	0.01 to 0.25	25	77280						
2517025	Ozone, AV, MR	Indigo	0.01 to 0.75	25	77281						
2518025	Ozone, AV, HR	Indigo	0.01 to 1.50	25	77282						
2657512	pH	Colorimetric	6.5 to 8.5 pH	50 to 100	30468						
2243900	Phenols	4-Aminoantipyrine	0.000 to 0.200	100	77564*						
TNT868	Phenols, TNTplus	4-Aminoantipyrine	5 to 150	25	90553*						
2429700	Phosphonates	Persulfate UV Oxidation	0.02 to 125.0	100	47849						
2106069	Phosphorous, Reactive	PhosVer 3	0.02 to 2.50	100	32489*						
2508025	Phosphorous, Reactive, AV	PhosVer 3	0.02 to 2.50	25	32511*						
2742545	Phosphorous, Reactive, TNT	PhosVer 3	0.06 to 5.00	50	30471*						
2244100	Phosphorus, Reactive	Amino Acid	0.23 to 30.00	100	77274						
2076032	Phosphorus, Reactive	Molybdovanadate	0.3 to 45	50	32488						
2767345	Phosphorus, Reactive, TNT, HR	Molybdovanadate	1.0 to 100.0	50	77291						
2076049	Phosphorus, Reactive (Pour-Thru Cell)	Molybdovanadate Rapid Liquid	0.3 to 45.00	500	203884						
2678600	Phosphorus, Reactive (Pour-Thru Cell)	Ascorbic Acid Rapid Liquid	19 to 3000 µg/L	250	204405*						
TNT846	Phosphorus, Reactive (Ortho), TNTplus	Molybdovanadate	1.6 to 30.0 (5 to 90)	25	37967						
2742645	Phosphorous, TNT, LR	PhosVer 3 with Acid Hydrolysis	0.06 to 3.50	50	32522*						
2767245	Phosphorus, Total, TNT, HR	Molybdovanadate with Acid Persulfate Digestion	1.0 to 100.0	25 to 50	77290						
TNT843	Phosphate Reactive & Total, LR, TNTplus	Ascorbic Acid	0.05 to 1.50 (0.15 to 4.5)	25	202103*						
TNT844	Phosphate Reactive & Total, HR, TNTplus	Ascorbic Acid	0.5 to 5.0 (1.5 to 15.0)	25	202104*						
TNT845	Phosphate Reactive & Total, UHR, TNTplus	Ascorbic Acid	2 to 20 (6 to 60)	25	202501*						
2459100	Potassium	Tetraphenylborate	0.1 to 7.0	100	86426						
2459200	Quaternary Ammonium Compounds	Direct Binary Complex	0.2 to 5.0	100	86427						
2244200	Selenium	Diaminobenzidine	0.01 to 1.00	66 to 100	86425						
2553500	Silica (Pour-Thru Cell), ULR	Heteropoly Blue	3 to 1000 µg/L	100	77579						
2678500	Silica (Pour-Thru Cell), ULR	Heteropoly Blue Rapid Liquid	3 to 1000 µg/L	250	77581						
2459300	Silica, LR	Heteropoly Blue	0.010 to 1.60	100	47858						
2429600	Silica, HR	Silicomolybdate	1 to 100	100	47857						
2296600	Silver	Colorimetric	0.02 to 0.70	50	204227						
2106769	Sulfate	SulfaVer 4	2 to 70	100	32445*						
TNT864	Sulfate, LR, TNTplus	Turbidimetric	40 to 150	25	37968						
TNT865	Sulfate, HR, TNTplus	Turbidimetric	150 to 900	25 to 50	37969						
2244500	Sulfide	Methylene Blue	5 to 800 µg/L	100	32531*						
TNT861	Sulfide, TNTplus	Methylene Blue	0.1 to 2.0	25	87879*						
TNT874	Surfactant, Anionic, TNTplus	Methylene Blue	0.1 to 4.0	25	90554						
TNT885	Surfactant, Cationic, TNTplus	Cetyltrimethylammonium Bromide	0.2 to 2.0	25	90549						
TNT875	Surfactant, Nonionic, LR, TNTplus	TBPE	0.2 to 6.0 as Triton X-100	25	87877						
TNT876	Surfactant, Nonionic, HR, TNTplus	TBPE	6 to 200 as Triton X-100	25	87878						
—	Suspended Solids	Photometric	5 to 750	—	—	—					
2244600	Tannin & Lignin	Tyrosine	0.1 to 9.0	100	77293						
2760345	Total Organic Carbon (TOC), LR	Direct Method	0.3 to 20.0	25 to 50	77296						
2815945	Total Organic Carbon (TOC), MR	Direct Method	15 to 150	25 to 50	77300						
2760445	Total Organic Carbon (TOC), HR	Direct Method	100 to 700	25 to 50	77297						
2141299	Tolytriazole	UV Photolysis	1.0 to 20.0	100	21112						
2597200	Toxicity	ToxTrak	0 to 100% Inhibition	25 to 49	77295						
2774300	TPH in Soil/Water	Immunoassay	2 to 20	Up to 18	77298						
2790800	Trihalomethanes (THM, THMFP)	THM Plus	10 to 600 µg/L	50 to 99	77299						
2244700	Volatile Acids	Esterification	27 to 2800	100	77294						
TNT872	Volatile Acids, TNTplus	Esterification	50 to 2500	25	203666						
2429300	Zinc	Zincon	0.01 to 3.0	100	32447*						

* EPA-approved method. Some tests require sample pretreatment such as filtration, distillation or digestion to meet EPA testing requirements.

** EPA approved for Cr₆ only. † As listed, test determines soluble metal. For total metal testing, order a metals prep set (stock # 86137; see page 871).

†† Not EPA accepted for drinking water using DR900.

LR - Low Range MR - Mid Range HR - High Range UHR - Ultra High Range AV - AccuVac TNT - Test 'N Tube