

Hach Methods Quick Reference Guide

The tables on the following 4 pages list test ranges, methods of analysis, and corresponding reagent set Product Numbers. The complete procedures are available on www.hach.com. The ranges given are for the pre-calibrated instrument readout; higher ranges can be analyzed by sample dilution. Parameters marked "EPA" are EPA-approved, accepted, or equivalent for reporting purposes; sample pretreatment may be required on some procedures. If no reagent set is listed for a parameter, order needed reagents and supplies separately.

Part numbers may vary by country.

Test	EPA	Method	Number	Range	DR6000	DR3900	DR1900	DR900	DR300	Prod. No.
Alkalinity, Total (TNTplus)		Colorimetric	10239	25 - 400 mg/L	•	•	•			TNT870
Aluminum		Aluminon	8012	0.008 - 0.800 mg/L	•	•	•	•	•	2242000
Aluminum		Eriochrome Cyanine R	8326	0.002 - 0.250 mg/L	•	•	•			2603700
Aluminum (TNTplus)		Chromazurol S	10215	0.02 - 0.50 mg/L	•	•	•			TNT848
Ammonia, Nitrogen		Salicylate	8155	0.01 - 0.50 mg/L	•	•	•	•	•	2668000
Ammonia, Nitrogen (TNTplus), ULR	•	Salicylate	10205	0.015 - 2.000 mg/L	•	•	•			TNT830
Ammonia, Nitrogen	•	Nessler	8038	0.02 - 2.50 mg/L	•	•	•			2458200
Ammonia, Nitrogen (Test 'N Tube), LR		Salicylate	10023	0.02 - 2.50 mg/L	•	•	•	•		2604545
Ammonia, Nitrogen (TNTplus), LR	•	Salicylate	10205	1 - 12 mg/L	•	•	•			TNT831
Ammonia, Nitrogen (Test 'N Tube), HR		Salicylate	10031	0.4 - 50.0 mg/L	•	•	•	•		2606945
Ammonia, Nitrogen (TNTplus), HR	•	Salicylate	10205	2 - 47 mg/L	•	•	•			TNT832
Ammonia, Nitrogen (TNTplus), UHR	•	Salicylate	10205	47 - 130 mg/L	•	•	•			TNT833
Ammonia, Free, Nitrogen		Indophenol	10200	0.01 - 0.50 mg/L	•	•	•	•	•	2879700
Arsenic	•	Silver Diethyldithiocarbamate	8013	0.020 - 0.200 mg/L	•	•	•			—
Barium		Turbidimetric	8014	2 - 100 mg/L	•	•	•			1206499
Benzotriazole		UV Photolysis	8079	1.0 - 16.0 mg/L	•	•	•	•		2141299
Boron (TNTplus)		Azomethine-H	10274	0.05 - 2.50 mg/L	•	•	•			TNT877
Boron		Carmine	8015	0.2 - 14.0 mg/L	•	•	•			—
Bromine		DPD	8016	0.05 - 4.50 mg/L	•	•	•	•	•	2105669
Bromine (AccuVac)		DPD	8016	0.05 - 4.50 mg/L	•	•	•	•	•	2503025
Cadmium		Dithizone	8017	0.7 - 80.0 µg/L	•	•	•			2242200
Cadmium (TNTplus) ¹		Cadion	10217	0.02 - 0.30 mg/L	•	•	•			TNT852
Carbohydrazide		Iron Reduction	8140	5 - 600 µg/L	•	•	•	•		2446600
Chloramine, Mono, LR		Indophenol	10171, 10200	0.04 - 4.50 mg/L	•	•	•	•	•	2802246
Chloramine, Mono (Test 'N Tube), HR		Indophenol	10172	0.1 - 10.0 mg/L	•	•	•			2805145
Chloride		Mercuric Thiocyanate	8113	0.1 - 25.0 mg/L	•	•	•			2319800
Chloride (TNTplus)		Iron(III)-thiocyanate	10291	1 - 70 mg/L Cl 70 - 1000 mg/L Cl	•	•	•			TNT879
Chlorine, Free		Indophenol	10241	0.04 - 4.50 mg/L	•	•	•	•		—
Chlorine, Free	•	DPD	8021	0.02 - 2.00 mg/L	•	•	•	•	•	2105569
Chlorine, Free (AccuVac)	•	DPD	8021	0.02 - 2.00 mg/L	•	•	•	•	•	2502025
Chlorine, Free (Pour-Thru Cell)		DPD Rapid Liquid	10059	0.02 - 2.00 mg/L	•	•	•			2556900
Chlorine, Free (TNTplus)	•	DPD	10231	0.05 - 2.00 mg/L	•	•	•			TNT866
Chlorine, Free (Test 'N Tube)		DPD	10102	0.09 - 5.00 mg/L	•	•	•			2105545
Chlorine, Free, MR	•	DPD	10245	0.05 - 4.00 mg/L	•	•	•	•	•	1407099
Chlorine, Free, HR	•	DPD	10069	0.1 - 10.0 mg/L	•	•	•	•	•	1407099
Chlorine, Free & Total (TNTplus)	•	DPD	10232	0.05 - 2.00 mg/L	•	•	•			TNT867
Chlorine, Total (Pour-Thru Cell), ULR	•	DPD	8370, 10014	2 - 500 µg/L	•	•	•			2563000
Chlorine, Total	•	DPD	8167	0.02 - 2.00 mg/L	•	•	•	•	•	2105669
Chlorine, Total (AccuVac)	•	DPD	8167	0.02 - 2.00 mg/L	•	•	•	•	•	2503025
Chlorine, Total (Pour-Thru Cell)		DPD Rapid Liquid	10060	0.02 - 2.00 mg/L	•	•	•			2557000
Chlorine, Total (Test 'N Tube)		DPD	10101	0.09 - 5.00 mg/L	•	•	•			2105645
Chlorine, Total, MR	•	DPD	10250	0.05 - 4.00 mg/L	•	•	•	•	•	1406499
Chlorine, Total, HR	•	DPD	10070	0.1 - 10.0 mg/L	•	•	•	•	•	1406499
Chlorine Demand/Requirement	•	DPD	10223	Multiple Ranges	•	•	•	•	•	—
Chlorine Dioxide, DPD	•	DPD/Glycine	10126	0.04 - 5.00 mg/L	•	•	•	•	•	2770900
Chlorine Dioxide (Europe Only)		Amaranth								
Chlorine Dioxide, LR		Chlorophenol Red	8065	0.01 - 1.00 mg/L	•	•	•			2242300
Chlorine Dioxide, MR		Direct Reading	8345	1 - 50 mg/L	•	•	•	•		—
Chlorine Dioxide, HR		Direct Reading	8138	5 - 1000 mg/L	•	•	•			—

¹As listed, test determines soluble metal. Order Metals Prep Set TNT890 to determine total metal.

Test	EPA	Method	Number	Range	DR6000	DR9900	DR1900	DR900	DR300	Prod. No.
Chromium, Hexavalent	•	1,5 Diphenylcarbohydrazide	8023	0.010 - 0.700 mg/L	•	•	•	•		1271099
Chromium, Hexavalent and Total (TNTplus)	• ¹	1,5 Diphenylcarbohydrazide	10218, 10219	0.03 - 1.00 mg/L	•	•	•			TNT854
Chromium, Total		Alkaline Hypobromite Oxidation	8024	0.01 - 0.70 mg/L	•	•	•	•		2242500
Cobalt		PAN	8078	0.01 - 2.00 mg/L	•	•	•			2651600
COD, ULR		Dichromate	8000	0.7 - 40.0 mg/L	•	•	•			2415825
COD, LR	•	Dichromate	8000	3 - 150 mg/L	•	•	•	•		2125825
COD, HR	•	Dichromate	8000	20 - 1,500 mg/L	•	•	•	•		2125925
COD, HR+		Dichromate	8000	200 - 15,000 mg/L	•	•	•	•		2415925
COD		Manganese III	10067	30 - 1000 mg/L	•	•	•	•		2623425
COD, Mercury-Free (TNTplus), HR		Dichromate	10236	25 - 1000 mg/L	•	•	•			TNT825
COD (TNTplus), ULR		Dichromate	10211	1 - 60 mg/L	•	•	•			TNT820
COD (TNTplus), LR	•	Dichromate	8000	3 - 150 mg/L	•	•	•			TNT821
COD (TNTplus), HR	•	Dichromate	8000	20 - 1500 mg/L	•	•	•			TNT822
COD (TNTplus), UHR		Dichromate	10212	250 - 15,000 mg/L	•	•	•			TNT823
COD (TNTplus) UHR+		Dichromate	10212	5,000 - 60,000 mg/L	•	•	•			TNT824
Color ⁵		ADMI Weighted Ordinate	10048	3 - 250 units	•					—
Color, True and Apparent		Platinum-Cobalt	8025	15 - 500 units	•	•	•	•		—
Color, True and Apparent, LR		Platinum-Cobalt	8025	3 - 200 units	•					—
Copper, LR		Porphyrin	8143	1 - 210 µg/L	•	•	•	•		2603300
Copper	•	Bicinchoninate	8506	0.04 - 5.00 mg/L	•	•	•	•		2105869
Copper (AccuVac)		Bicinchoninate	8026	0.04 - 5.00 mg/L	•	•	•	•		2504025
Copper (TNTplus) ²		Bathocuproine	10238	0.1 - 8.0 mg/L	•	•	•			TNT860
Cyanide		Pyridine-Pyrazalone	8027	0.002 - 0.240 mg/L	•	•	•	•		2430200
Cyanide, Free (TNTplus)	•	Pyridine barbituric acid	10265	0.01 - 0.6 mg/L CN	•	•	•			TNT862
Cyanuric Acid		Turbidimetric	8139	5 - 50 mg/L		•	•	•		246066
DEHA (Diethylhydroxylamine)		Iron Reduction	8140	3 - 450 µg/L	•	•	•	•		2446600
Detergents (Surfactants)		Crystal Violet	8028	0.002 - 0.275 mg/L	•	•	•	•		2446800
Dissolved Oxygen (AccuVac), LR		Indigo Carmine	8316	0.04 - 4.50 mg/L	•	•	•	•		2501025
Dissolved Oxygen (AccuVac), HR		HRDO	8166	0.3 - 15.0 mg/L	•	•	•	•	•	2515025
Dissolved Oxygen (AccuVac), UHR		Ultra High Range	8333	1.0 - 40.0 mg/L	•	•	•			2515025
Erythorbic Acid (Isoascorbic Acid)		Iron Reduction	8140	13 - 1500 µg/L	•	•	•	•		2446600
Fluoride, Arsenic Free	• ^{3,4}	SPADNS 2	10225	0.02 - 2.00 mg/L	•	•	•	•		2947549
Fluoride, Arsenic Free (AccuVac)	• ^{3,4}	SPADNS 2	10225	0.02 - 2.00 mg/L	•	•	•	•		2527025
Fluoride, Arsenic Free (TNTplus)	• ³	SPADNS 2	10225	0.1 - 2.5 mg/L	•	•	•			TNT878
Fluoride	• ⁴	SPADNS	8029	0.02 - 2.00 mg/L	•	•	•	•		44449
Fluoride (AccuVac)	• ⁴	SPADNS	8029	0.02 - 2.00 mg/L	•	•	•	•		2506025
Formaldehyde		MBTH	8110	3 - 500 µg/L	•	•	•			2257700
Formaldehyde (TNTplus)		Acetylacetone	10295	0.5 - 10 mg/L H ₂ CO	•	•	•			TNT871
Hardness, Total, ULR		Chlorophosphonazo Colorimetric	8374	8 - 1000 µg/L	•	•	•			2603100
Hardness, Total, ULR (Pour-Thru Cell)		Chlorophosphonazo Rapid Liquid	8167	4 - 1000 µg/L	•	•	•			—
Hardness, Ca & Mg		Calmagite Colorimetric	8030	0.05 - 4.00 mg/L	•	•	•	•		2319900
Hydrazine		p-Dimethylaminobenzaldehyde	8141	4 - 600 µg/L	•	•	•	•		179032
Hydrogen Peroxide (H ₂ O ₂) ⁶		DPD	10290	0.05 - 5.00 mg/L	•	•	•			1406499
Hydroquinone		Iron Reduction	8140	9 - 1000 µg/L	•	•	•	•		2446600
International Bitterness Units (TNTplus)		Analogous MEBAK and ASBC	10288	≥ 2 BE	•	•				TNT817
Iodine DPD		DPD	8031	0.07 - 7.00 mg/L	•	•	•			2105669
Iodine DPD (AccuVac)		DPD	8031	0.07 - 7.00 mg/L	•	•	•			2503025
Iron (TNTplus) ²	•	Phenanthroline	10229	0.2 - 6.0 mg/L	•	•	•			TNT858
Iron		FerroZine	8147	0.009 - 1.400 mg/L	•	•	•	•		230166
Iron (Pour-Thru Cell)		FerroZine Rapid Liquid	8147	0.009 - 1.400 mg/L	•	•	•			230149
Iron, Ferrous		1, 10 Phenanthroline	8146	0.02 - 3.00 mg/L	•	•	•	•		103769
Iron, Total		FerroMo	8365	0.01 - 1.80 mg/L	•	•	•	•		2544800
Iron, Total		TPTZ	8112	0.012 - 1.800 mg/L	•	•	•	•	•	2608799
Iron, Total	•	FerroVer	8008	0.02 - 3.00 mg/L	•	•	•	•	•	2105769
Iron, Total (AccuVac)	•	FerroVer	8008	0.02 - 3.00 mg/L	•	•	•	•	•	2507025
Isoascorbic Acid (Erythorbic Acid) (ISA)		Iron Reduction	8140	13 - 1500 µg/L	•	•	•	•		2446600

¹EPA approved for Cr6+ only. ²As listed, test determines soluble metal. Order Metals Prep Set TNT890 to determine total metal.

³Per 40 CFR 136.6 Method Modification and Flexibility. ⁴Not EPA accepted for drinking water using the DR900 colorimeter.

⁵Others color scale available: CIE L*a*b, Hazen, Iodine, Gardner, Yellowness & EBC (Z). ⁶Requires Product. No. 193332 & 1456842.

Test	EPA	Method	Number	Range	DR6000	DR9000	DR1900	DR900	DR300	Prod. No.
Lead		LeadTrak Fast Column Extraction	8317	5 - 150 µg/L	•	•	•			2375000
Lead	•	Dithizone	8033	3 - 300 µg/L	•	•	•			2243100
Lead (TNTplus) ²		PAR	10216	0.1 - 2.0 mg/L	•	•	•			TNT850
Manganese, LR		PAN	8149	0.006 - 0.700 mg/L	•	•	•	•		2651700
Manganese, LR		PAN	10286	0.005 - 0.500 mg/L	•	•	•			HPT291
Manganese, HR		Periodate Oxidation	8034	0.1 - 20.0 mg/L	•	•	•	•	•	2430000
Magnesium (TNTplus)		Metalphthalein	10292	0.5 - 50 mg/L Mg	•	•	•			TNT849
Mercury		Cold Vapor Mercury Concentration	10065	0.1 - 2.5 µg/L	•	•	•			2658300
Methylethylketoxime (MEKO)		Iron Reduction	8140	15 - 1000 µg/L	•	•	•	•		2446600
Molybdenum, Molybdate, LR		Ternary Complex	8169	0.02 - 3.00 mg/L	•	•	•	•	•	2449400
Molybdenum, Molybdate, HR		Mercaptoacetic Acid	8036	0.2 - 40.0 mg/L	•	•	•	•		2604100
Nickel		PAN	8150	0.006 - 1.000 mg/L	•	•	•	•	2	2651600
Nickel	•	Heptoxime	8037	0.02 - 1.80 mg/L	•	•	•			2243500
Nickel (TNTplus) ¹		Dimethylglyoxime	10220	0.1 - 6.0 mg/L	•	•	•			TNT856
Nitrate, Nitrogen, LR		Cadmium Reduction	8192	0.01 - 0.50 mg/L	•	•	•	•		2429800
Nitrate, Nitrogen (TNTplus), LR	•	Dimethylphenol	10206	0.23 - 13.5 mg/L	•	•	•			TNT835
Nitrate, Nitrogen, MR		Cadmium Reduction	8171	0.1 - 10.0 mg/L	•	•	•	•		2106169
Nitrate, Nitrogen (AccuVac), MR		Cadmium Reduction	8171	0.1 - 10.0 mg/L	•	•	•	•	•	2511025
Nitrate, Nitrogen		UV Screening	10049	0.1 - 10.0 mg/L	•					—
Nitrate, Nitrogen (Test 'N Tube), HR		Chromotropic Acid	10020	0.2 - 30.0 mg/L	•	•	•	•		2605345
Nitrate, Nitrogen, HR		Cadmium Reduction	8039	0.3 - 30.0 mg/L	•	•	•	•	•	2106169
Nitrate, Nitrogen (AccuVac), HR		Cadmium Reduction	8039	0.3 - 30.0 mg/L	•	•	•	•	•	2511025
Nitrate, Nitrogen (TNTplus), HR	•	Dimethylphenol	10206	5 - 35 mg/L	•	•	•			TNT836
Nitrite, Nitrogen, LR	•	Diazotization	8507	0.002 - 0.300 mg/L	•	•	•	•		2107169
Nitrite, Nitrogen (Test 'N Tube), LR		Diazotization	10019	0.003 - 0.500 mg/L	•	•	•	•		2608345
Nitrite, Nitrogen (TNTplus), LR	•	Diazotization	10207	0.015 - 0.600 mg/L	•	•	•			TNT839
Nitrite, Nitrogen (TNTplus), HR	•	Diazotization	10237	0.6 - 6.0 mg/L	•	•	•			TNT840
Nitrite, Nitrogen, HR		Ferrous Sulfate	8153	2 - 250 mg/L	•	•	•	•		2107569
Nitrogen, Ammonia (see Ammonia, Nitrogen)										
Nitrogen, Total (Test 'N Tube), LR		Persulfate Digestion	10071	0.5 - 25.0 mg/L	•	•	•	•		2672245
Nitrogen, Total (TNTplus), LR		Persulfate Digestion	10208	1 - 16 mg/L	•	•	•			TNT826
Nitrogen, Total (TNTplus), HR		Persulfate Digestion	10208	5 - 40 mg/L	•	•	•			TNT827
Nitrogen, Total (Test 'N Tube), HR		Persulfate Digestion	10072	2 - 150 mg/L	•	•	•	•		2714100
Nitrogen, Total (TNTplus), UHR		Persulfate Digestion	10208	20 - 100 mg/L	•	•	•			TNT828
Nitrogen, Total Inorganic (TIN) (Test 'N Tube)		Titanium Trichloride Reduction	10021	0.2 - 25.0 mg/L	•	•	•	•		2604945
Nitrogen, Simplified TKN (TNTplus)	•	s-TKN	10242	0 - 16 mg/L	•	•	•			TNT880
Nitrogen, Total Kjeldahl (TKN)		Nessler	8075	1 - 150 mg/L	•	•	•	•		2495300
Organic Carbon, Total (See TOC)										—
Organic Constituents, UV-Absorbing (UV-254)		Direct Reading	10054	Varies-Units Abs/cm	•					—
Oxygen Demand, Chemical (See COD)										—
Oxygen, Dissolved (See Dissolved Oxygen)										—
Oxygen Scavengers (See specific compounds)										—
Ozone (AccuVac), LR		Indigo	8311	0.01 - 0.25 mg/L	•	•	•	•	•	2516025
Ozone (AccuVac), MR		Indigo	8311	0.01 - 0.75 mg/L	•	•	•	•	•	2517025
Ozone (AccuVac), HR		Indigo	8311	0.01 - 1.50 mg/L	•	•	•	•		2518025
Peracetic Acid (PAA) ³		DPD	10290	0.10 - 10.00 mg/L	•	•	•			1406499
pH		Colorimetric Phenol Red	10076	6.5 - 8.5 units				•		2657512
Phenols	•	4-Aminoantipyrine	8047	0.002 - 0.200 mg/L	•	•	•			2243900
Phenols (TNTplus)		4-Aminoantipyrine	10266	5 - 150 mg/L	•	•	•			TNT868
Phosphonates		Persulfate UV Oxidation	8007	0.02 - 125.0 mg/L	•	•	•	•		2429700
Phosphorus, Reactive	•	PhosVer 3	8048	0.02 - 2.50 mg/L	•	•	•	•	•	2106069
Phosphorus, Reactive (AccuVac)	•	PhosVer 3	8048	0.02 - 2.50 mg/L	•	•	•	•	•	2508025
Phosphorus, Reactive (Test 'N Tube)	•	PhosVer 3	8048	0.06 - 5.00 mg/L	•	•	•	•		2742545
Phosphorus, Reactive		Amino Acid	8178	0.23 - 30.00 mg/L	•	•	•	•		2244100
Phosphorus, Reactive		Molybdovanadate	8114	0.3 - 45.0 mg/L	•	•	•	•		2076032
Phosphorus, Reactive (Test 'N Tube), HR		Molybdovanadate	8114	1.0 - 100.0 mg/L	•	•	•	•		2767345
Phosphorus, Reactive (Pour-Thru Cell), HR		Molybdovanadate Rapid Liquid	8114	0.3 - 45.0 mg/L	•	•	•			2076049
Phosphorus, Reactive (Pour-Thru Cell), LR	•	Ascorbic Acid Rapid Liquid	10055	19 - 3000 µg/L	•	•	•			2678600
Phosphorus, Reactive (TNTplus)		Molybdovanadate	10214	5.0 - 90.0 mg/L	•	•	•			TNT846
Phosphorus, Acid Hydrolyzable (Test 'N Tube)		PhosVer 3 with Acid Hydrolysis	8180	0.06 - 3.50 mg/L	•	•	•	•		2742645

¹Requires Soil Extraction Kit. Please order Prod. No. 2775100. ²Nickel PAN method reagent set for DR 900 is Prod. No. 2242600.

³Requires Product. No. 193332 & 1456842.

Test	EPA	Method	Number	Range	DR6000	DR3900	DR1900	DR900	DR300	Prod. No.
Phosphorus, Total (Test 'N Tube)	•	PhosVer 3 with Acid Persulfate Digestion	8190	0.06 - 3.50 mg/L	•	•	•	•		2742645
Phosphorus, Total (Test 'N Tube), HR		Molybdovanadate with Acid Persulfate Digestion	10127	1.0 - 100.0 mg/L	•	•	•	•		2767245
Phosphorus, Reactive and Total (TNTplus), LR	•	Ascorbic Acid	10209, 10210	0.15 - 4.50 mg/L	•	•	•			TNT843
Phosphorus, Reactive and Total (TNTplus), HR	•	Ascorbic Acid	10209, 10210	1.5 - 15.0 mg/L	•	•	•			TNT844
Phosphorus, Reactive and Total (TNTplus), UHR	•	Ascorbic Acid	10209, 10210	6 - 60 mg/L	•	•	•			TNT845
Potassium		Tetraphenylborate	8049	0.1 - 7.0 mg/L	•	•	•			2459100
Quaternary Ammonium Compounds		Direct Binary Complex	8337	0.2 - 5.0 mg/L	•	•	•			2459200
Selenium		Diaminobenzidine	8194	0.01 - 1.00 mg/L	•	•	•			2244200
Silica (Pour-Thru Cell), ULR		Heteropoly Blue	8282	3 - 1000 µg/L	•	•	•			2553500
Silica (Pour-Thru Cell), ULR		Heteropoly Blue Rapid Liquid	8282	3 - 1000 µg/L	•	•	•			2678500
Silica, LR		Heteropoly Blue	8186	0.010 - 1.600 mg/L	•	•	•	•		2459300
Silica, HR		Silicomolybdate	8185	1 - 100 mg/L	•	•	•	•		2429600
Silver		Colorimetric	8120	0.02 - 0.70 mg/L						
Sulfate	•	SulfaVer 4	8051	2 - 70 mg/L	•	•	•	•		2106769
Sulfate (AccuVac)	•	SulfaVer 4	8051	2 - 70 mg/L	•	•	•	•		2509025
Sulfate (TNTplus), LR		Turbidimetric	10227	40 - 150 mg/L	•	•	•			TNT864
Sulfate (TNTplus), HR		Turbidimetric	10227	150 - 900 mg/L	•	•	•			TNT865
Sulfide	•	Methylene Blue	8131	5 - 800 µg/L	•	•	•	•		2244500
Sulfide (TNTplus)	•	Dimethyl-p-phenylenediamine	10294	0.1 - 2.0 mg/L S ²⁻	•	•	•			TNT861
Sulfite (Europe only)		Colorimetric		0.10 - 5.00 mg/L	•	•	•			—
Surfactants (See Detergents)										—
Surfactants, Anionic (TNTplus)		Methylene Blue (MBA)	8131	0.1 - 4.0 mg/L	•	•	•			TNT874
Surfactants, Nonionic LR TNTplus		TBPE	10275	0.2 - 6.0 mg/L as Triton x 100	•	•	•			TNT875
Surfactants, Nonionic LR TNTplus		TBPE	10275	6 - 200 mg/L as Triton X-100	•	•	•			TNT876
Suspended Solids		Photometric	8006	5 - 750 mg/L	•	•	•	•		—
Tannin & Lignin		Tyrosine	8193	0.1 - 9.0 mg/L	•	•	•	•		2244600
TKN (See Nitrogen, Simplified TKN and Nitrogen, Total Kjeldahl)										
TOC (Total Organic Carbon), LR		Direct Method	10129	0.3 - 20.0 mg/L	•	•	•	•		2760345
TOC - Total Organic Carbon (TNTplus), LR	•	Direct Method	10267	1.5 - 30 mg/L	•	•	•			TNT810
TOC (Total Organic Carbon), MR		Direct Method	10173	15 - 150 mg/L	•	•	•	•		2815945
TOC (Total Organic Carbon), HR		Direct Method	10128	100 - 700 mg/L	•	•	•	•		2760445
TOC - Total Organic Carbon (TNTplus), HR	•	Direct Method	10267	30 - 300 mg/L	•	•	•			TNT811
Tolytriazole		UV Photolysis	8079	1.0 - 20.0 mg/L	•	•	•	•		2141299
Toxicity		ToxTrak	10017	0 - 100 % inhibition	•	•	•	•		2597200
TPH in Soil ¹		Immunoassay	10050	2 - 20 ppm, threshold	•	•	•			2774300
TPH in Water		Immunoassay	10050	2 - 20 ppm, threshold	•	•	•			2774300
Trihalomethanes (THM)		THM Plus	10132	10 - 600 µg/L	•	•	•			2790800
Trihalomethane Formation Potential (THMFP)		THM Plus	10224	10 - 600 µg/L	•	•	•			2790800
Vicinal Diketone - VDK (TNTplus)		Analogous MEBAK and ASBC	10276	0.015 - 0.5 mg/kg	•	•				TNT819
Volatile Acids		Esterification	8196	27 - 2800 mg/L	•	•	•	•		2244700
Volatile Acids (TNTplus)		Esterification	10240	50 - 2500 mg/L	•	•	•			TNT872
Water Hardness (TNTplus)		Metalphthalein	10293	20 - 350 mg/L as CaCO ₃ 5 - 100 mg/L Ca 3 - 50 mg/L Mg	•	•	•			TNT869
Zinc	•	Zincon	8009	0.01 - 3.00 mg/L	•	•	•	•	•	2429300

¹Requires Soil Extraction Kit. Please order Prod. No. 2775100.

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