

DR900 Multiparameter Portable Colorimeter

Parameter	Method	Method Number	Range
Aluminum	8012 Colorimeters,	8012	0.01 - 0.80 mg/L Al ₃ ⁺
	Powder Pillows		
Ammonia	10023 Test 'N Tube LR	10023	0.02 - 2.50 mg/L NH ₃ -N
	Salicylate	10031	0.4 - 50.0 mg/L NH ₃ -N
	10031 Test 'N Tube HR		
	Salicylate	8155	0.01 - 0.50 mg/L NH ₃ -N
Barium	8155 Powder Pillows	10251	2 - 8000 mg/L Ba
	Salicylate		
Benzotriazole/Tolytriazole	10251 Colorimeter,	8079	1.0 - 16.0 mg/L
	Powder Pillows LR-MR-		
	HR		
	8079 Powder Pillows UV	8079	1.0 - 20.0 mg/L
	Photolysis		
	8079 Powder Pillows UV	8079	Benzotriazole
	Photolysis		
Boron	8079 Powder Pillows UV	8079	Tolytriazole
	Photolysis		
Bromine	10252 Carmine Method	10252	2 - 50 mg/L B
	Powder Pillows		
Chlorine Dioxide	8016 DPD Method, PP or	8016	0.05 - 4.50 mg/L Br ₂
	AccuVac		
Chlorine, Free	10126 DPD Powder	10126	0.04 - 5.00 mg/L ClO ₂
	Pillows or AccuVac		
	8345 MR Direct Reading		
	Method Direct Reading	8345	1 - 50.0 mg/L ClO ₂
Chlorine, Total	10069 DPD, HR Powder	10069	0.1 - 10.0 mg/L Cl ₂
	Pillows		
	10102 DPD Test 'N Tube		
	10245 DPD, MR Powder		
	Pillows		
	8021 DPD Powder		
	Pillows or AccuVac®		
	10102 DPD 16-mm Vials	10102	0.09 to 5.00 mg/L Cl ₂
	10070 DPD Powder	10070	0.1 - 10.0 mg/L as Cl ₂
	Pillows		
	10101 DPD Test 'N Tube	10101	0.09 - 5.00 mg/L Cl ₂
	10250 DPD Powder	10250	0.05 - 4.00 mg/L Cl ₂
	Pillows		
	8167 DPD Powder	8167	0.02 - 2.00 mg/L Cl ₂
	Pillows or AccuVac®		

	10101 DPD 16-mm Vials	10101	0.09 to 5.00 mg/L Cl ₂
Chromium, Hexavalent	8023 Powder Pillows or AccuVac®	8023	0.010 - 0.700 mg/L Cr ⁶⁺
Chromium, Total	8024 Spectrophotometer Powder Pillows	8024	0.01 - 0.70 mg/L Cr
COD (Chemical Oxygen Demand)	8000 Reactor Digestion	8000	0.7 - 40.0 mg/L
	8000 Reactor Digestion	8000	20 - 1500 mg/L
	8000 Reactor Digestion	8000	200 - 15,000 mg/L
	8000 Reactor Digestion	8000	3 - 150 mg/L
Color	8025 True and Apparent, HR Platinum-Cobalt	8025	15 - 500 Units
Copper	8026 CuVer 2 AccuVac® Bicinchoninate	8506 & 8026	0.04 - 5.00 mg/L Cu
	8143 Powder Pillows	8143	1 - 210 µg/L Cu
	8506 CuVer 1 Powder Pillows Bicinchoninate	8506 & 8026	0.04 - 5.00 mg/L Cu
Cyanide	8027 Powder Pillows Pyridine-Pyrazalone	8027	0.002 - 0.240 mg/L CN-
Cyanuric Acid	8139 Spectrophotometer Powder Pillows Turbidimetric	8139	5 - 50 mg/L
Detergents/Surfactants	8028 Spectrophotometer, Crystal Violet	8028	0.002 - 0.275 mg/L as LAS
Dissolved Oxygen	8166 AccuVac® HR HRDO	8166	0.3 - 15.0 mg/L O ₂
	8316 Spectrophotometer AccuVac® Indigo Carmine	8316	6 - 800 µg/L O ₂
Fluoride	10225 SPADNS 2, Reagent Solution or AccuVac	10225	0.02 - 2.00 mg/L F
	8029 Reagent Solution or AccuVac	8029	0.02 - 2.00 mg/L F
Hardness	8030 Ca & Mg Calmagite Colorimetric Calmagite Colorimetric	8030	0.05 - 4.00 mg/L Ca and Mg as CaCO ₃

Hydrazine	8141 Spectrophotometer, Reagent Solution or AccuVac p-Dimethylaminobenzaldehyde	8141	4 - 600 µg/L N ₂ H ₄
Hydrogen Peroxide	10290 Powder Pillows	10290	0.1 - 10.0 mg/L PAA / H ₂ O ₂
Iron	10249 FerroVer® Powder Pillows	10249	0.1 - 300.0 mg/L Fe
	8008 FerroVer® Powder Pillows or AccuVac	8008	0.02 - 3.00 mg/L Fe
	8112 Spectrophotometer Powder Pillows or AccuVac	8112	0.012 - 1.800 mg/L Fe
	8146 Powder Pillows or AccuVac® 1,10 Phenanthroline	8146	0.02 - 3.00 mg/L Fe ²⁺
	8147 FerroZine® Solution Pillows	8147	0.009 - 1.400 mg/L Fe
	8365 FerroMo® Powder Pillows FerroMo	8365	0.01 - 1.80 mg/L Fe
Manganese	8034 Powder Pillows Periodate Oxidation	8034	0.1 - 20.0 mg/L Mn
	8149 Powder Pillows PAN Method	8149	0.006 - 0.700 mg/L Mn
Molybdenum	8036 Powder Pillows or AccuVac Mercaptoacetic Acid	8036	0.2 - 40.0 mg/L Mo
	8169 Powder Pillows Ternary Complex	8169	0.02 - 3.00 mg/L Mo
Monochloramine	10171 Indophenol LR, Powder Pillows	10172	0.04 - 4.50 mg/L Cl ₂
	10172 Indophenol Method Test 'N Tube	10171	0.1 - 10.0 mg/L Cl ₂
	10200 Monochloramine/Free Ammonia Powder Pillows	10200	0.01 - 0.50 mg/L NH ₃ -N
	10200 Monochloramine/Free Ammonia Powder Pillows	10200	0.04 - 4.50 mg/L Cl ₂

Nickel	8150 Powder Pillows PAN	8150	0.006 - 1.000 mg/L Ni
Nitrate	10020 DR900, Test 'N Tube	10020	0.2 - 30.0 mg/L NO ₃ ⁻ -N
	8039 Powder Pillows or AccuVac® Cadmium Reduction	8039	0.3 - 30.0 mg/L NO ₃ ⁻ -N
	8171 Spectrophotometer Powder Pillows or AccuVac	8171	0.1 - 10.0 mg/L NO ₃ ⁻ -N
	8192 Powder Pillows LR Cadmium Reduction	8192	0.01 - 0.50 mg/L NO ₃ ⁻ -N
Nitrite	10019 Test 'N Tube Vials Diazotization	10019	0.003 - 0.500 mg/L NO ₂ ⁻ - N
	8153 Spectrophotometer HR, Powder Pillows	8153	2 - 250 mg/L NO ₂ ⁻
	8507 Spectrophotometer Powder Pillows or AccuVac®	8507	0.002 - 0.300 mg/L NO ₂ ⁻ - N
Nitrogen, Total	10071 Test 'N Tube LR Persulfate Digestion	10071	0.5 - 25.0 mg/L N
	10072 Test 'N Tube HR Persulfate Digestion	10072	2 - 150 mg/L N
Nitrogen, Total Inorganic (TIN)	10021 Test 'N Tube™ Titanium Trichloride Reduction	10021	0.2 - 25.0 mg/L N
Oxygen Scavengers	8140 Powder Pillows Iron Reduction	8140	13 - 1500 µg/L Iso- ascorbic Acid (ISA)
	8140 Powder Pillows Iron Reduction	8140	15 - 1,000 µg/L Methylethyl Ketoxime (MEKO)
	8140 Powder Pillows Iron Reduction	8140	3 - 450 µg/L DEHA
	8140 Powder Pillows Iron Reduction	8140	5 - 600 µg/L Carbohydrazide
	8140 Powder Pillows Iron Reduction	8140	9 - 1,000 µg/L Hydroquinone-PP
Ozone	8311 AccuVac® Indigo	8311	0.01 - 0.25 mg/L O ₃ LR
	8311 AccuVac® Indigo	8311	0.01 - 0.75 mg/L O ₃
	8311 AccuVac® Indigo	8311	0.01 - 1.50 mg/L O ₃ HR
pH	10076 DR 900 Colorimeter Phenol Red	10076	6.5 - 8.5 pH units

Phosphonates	8007 Powder Pillows Persulfate UV Oxidation	8007	0.02 - 2.50 mg/L PO ₄ ³⁻
	8007 Powder Pillows Persulfate UV Oxidation	8007	0.1 - 2.5 mg/L
	8007 Powder Pillows Persulfate UV Oxidation	8007	1.0 - 125 mg/L PO ₄ ³⁻
Phosphorus	10127 Test 'N Tube Molybdovanadate with Acid Persulfate Digestion	10127	1.0 - 100.0 mg/L PO ₄ ³⁻
	8048 Powder Pillows or AccuVac® PhosVer 3, Ascorbic Acid	8048	0.02 - 2.50 mg/L PO ₄
	8048 TNT™ PhosVer 3	8048	0.06 - 5.00 mg/L PO ₄ ³⁻
	8114 Reagent or AccuVac Molybdovanadate	8114	0.3 - 45.0 mg/L PO ₄
	8114 Test 'N Tube HR Molybdovanadate	8114	1.0 - 100.0 mg/L PO ₄
	8178 Amino Acid Reagent Amino Acid Method	8178	0.23 - 30.00 mg/L PO ₄
	8180 Acid Hydrolyzable Digestion PhosVer 3	8180	Phosphorus, Acid Hydolyzable 8180 Digestion
	8180 Test 'N Tube™ PhosVer® 3 with Acid Aydrolysis	8180	0.06 - 3.50 mg/L PO ₄ ³⁻
	8190 Digestion Test 'N Tube™	8190	0.06 - 3.50 mg/L PO ₄ ³⁻
	8190 Persulfate Digestion, Powder Pillows PhosVer 3 with Acid Persulfate Digestion	8190	Phosphorus, Total 8190 Acid Persulfate Digestion
	Potassium	8049 colorimetric Powder Pillow-LR-MR- HR For oil and gas field waters	8049
Silica	8185 Spectrophotometer Powder Pillows HR Silicomolybdate	8185	1 - 100 mg/L SiO ₂

	8186 Spectrophotometer Powder Pillows Heteropoly Blue	8186	0.010 - 1.600 mg/L SiO ₂
Sulfate	10248 Powder Pillows LR-MR-HR SulfaVer 4	10248	2 - 7000 mg/L SO ₄ ²⁻
	8051 Powder Pillows or AccuVac® SulfaVer 4	8051	2 - 70 mg/L SO ₄ ²⁻
Sulfide/Hydrogen Sulfide	10254 Methylene Blue	10254	0.01 - 70 mg/L S ²⁻
	8131 Spectrophotometer Methylene Blue	8131	5 - 800 µg/L S ²⁻
Suspended Solids	8006 Photometric	8006	5 - 750 mg/L TSS
Tannin and Lignin			0.1 - 9.0 mg/L as Tannic Acid
	8193 Tyrosine	8193	Acid
TKN	8075 TKN, Nessler	8075	1 - 150 mg/L TKN
Total Organic Carbon (TOC)	10128 HR, Spectrophotometer Test 'N Tube Direct	10128	100 - 700 mg/L C
	10129 LR, Test 'N Tube Direct	10129	0.3 - 20.0 mg/L C
	10173 MR, Test 'N Tube Direct	10173	15 - 150 mg/L C
Toxicity	10017 ToxTrak	10017	0 - 100 % Inhibition
Turbidity	8237 Colorimeter Absorptometric	8237	21 - 1000 FAU
Volatile Acids	8196 Reagent Solution Esterification	8196	27 - 2800 mg/L as Acetic Acid
Zinc	8009 Powder Pillows Zincon	8009	0.01 - 3.00 mg/L Zn