

Available Tests

The following table lists available tests and overall ranges for the Hach DR1900 Portable Spectrophotometer. The ranges may represent more than one available test for the instrument. Consult your Hach representative, Customer Service, the Hach Master Catalog, or the Hach web site at www.hach.com for complete details of all available tests for this instrument.

Parameter	Range	Parameter	Range
Acid Capacity Ks 4,3	0.5 - 8 mmol/L	Iron, Total	0.009 to 6.0 mg/L
Alachlor	0.1 to 0.5 ppb, threshold	Lead	0.005 to 2.0 mg/L
Alcohol	0.01 - 0.12 mg/L	Magnesium	0.5 to 50 mg/L
Alkalinity, Total	25 to 400 mg/L	Manganese	0.005 to 20.0 mg/L
Aluminum	0.002 to 0.800 mg/L	Menthol within Distillate	0.5 - 15 mg/100mL
Ammonia, Nitrogen	0.025 to 167 mg/L	Mercury	0.1 to 2.5 µg/L
AOX	0.005 to 3 mg/L	Molybdenum, Molybdate	0.02 to 300.0 mg/L
Arsenic	0 to 0.2 mg/L	Nickel	0.006 to 6.0 mg/L
Barium	2 to 100 mg/L	Nickelbaths, acidous	5 to 120 g/L
Benzotriazole	1 to 16 mg/L	Nitrate, Nitrogen	0.22 to 150 mg/L
BOD5	0.5 to 1,650 mg/L	Nitrite, Nitrogen	0.007 to 250 mg/L
Boron	0.05 to 14 mg/L	Nitrogen, Total	1 to 100 mg/L
Bromine	0.05 to 4.50 mg/L	Nitrogen, Total Kjeldahl	1 to 150 mg/L
Cadmium	0.02 to 0.30 mg/L	Organic Acids	27 to 2,800 mg/L Acetic Acid
Carbonate/Carbon Dioxide	55 to 550 mg/L	Oxygen Scavengers	0.003 to 1 DEHA
Chloramine, Mono	0.04 to 4.5 mg/L	Ozone	0.1 to 2.0 mg/L
Chloride	0.1 to 1,000 mg/L	PCB (Polychlorinated Biphenyls)	1 to 50 ppm, threshold
Chlorine Dioxide	0.01 to 5 mg/L	Phenols	0.002 to 0.200 mg/L
Chlorine, Free	0.02 to 10.0 mg/L	Phosphonates	0.02 to 125.0 mg/L
Chlorine, Total	0.02 to 10.0 mg/L	Phosphorus, Reactive (Orthophosphate)	19 µg/L to 90 mg/L
Chromium Acid Baths	50 to 450 g/L	Phosphorus, Total	0.15 to 60 mg/L
Chromium, Hexavalent	0.010 to 1.00 mg/L	Potassium	0.1 to 50 mg/L
Chromium, Total	0.01 to 1.0 mg/L	Quaternary Ammonium Compounds	0.2 to 5.0 mg/L
Cobalt	0.01 to 2.00 mg/L	Selenium	0.01 to 1 mg/L
COD (Chemical Oxygen Demand)	0 to 60,000 mg/L	Silicic acid	0.003-100 mg/L
Color	5 to 500 units	Silver	0.005 to 2,500 mg/L
Copper	0.001 to 8.0 mg/L	Sludge activity (TTC)	
Copperbaths, Acidous	2 -100 g/L	Starch	2 to 150 mg/L
Cyanide	0.002 to 0.6 mg/L	Sulfate	2 to 900 mg/L
Cyanuric Acid	5 to 50 mg/L	Sulfide	0.005 to 2 mg/L
Dissolved Oxygen	0.006 to 40 mg/L	Sulfite	0.01 to 5 mg/L
Fluoride	0.02 to 2.00 mg/L	Surfactants (Anionic, Cationic, Non-ionic)	0.002 to 200 mg/L
Formaldehyde	0.003 to 10 mg/L	Suspended Solids	5 to 750 mg/L
Hardness, Total (Calcium and Magnesium as CaCO ₃)	0.07 mg/L to 4.00 mg/L	Tannin and Lignin	0.1 to 0.9 mg/L
Hydrazine	0.004 to 2 mg/L	Tin	0.1 to 2 mg/L
Hydrogen Peroxide	1 -10 g/L	TOC (Total Organic Carbon)	2 to 3,000 mg/L
Iodine	0.07 to 7.00 mg/L	TTHM (Trihalomethanes, Total)	10 to 600 µg/L
Iron, Ferrous	0.02 to 3.00 mg/L		

Note: The TNTplus® cuvette test evaluation is possible, but without barcode reading & 10-fold measurement features.