

PARAMETER	Wavelength	DR890 Program number	DR900 Program number	Hach Method #	Concentration Range (mg/L)
Absorbance at 420nm	420	42	420		%T/ABS
Absorbance at 520nm	520	52	520		%T/ABS
Absorbance at 560nm	560	56	560		%T/ABS
Absorbance at 610nm	610	61	610		%T/ABS
Aluminum, Aluminon	520	1	10	8012	0-0.8
Barium	520	125	20	10251	0-80,0-800,0-8000
Benzotriazole	420	3	30	8079	0-16
Tolytriazole	420		730	80079	0-16
Bromine	520	5	50	8016	0-4.50
Bromine AV	520	6	55	8016	0-4.50
Boron HR	420	126	41	10252	0-50
Chlorine Dioxide, DPD	520	112	76	10126	0-5.00
Chlorine Dioxide, DPD AV	820	113	77	10126	0-5.00
Chlorine Dioxide, MR	420	7	73	8345	0-50.0
Chlorine, F & T, LR	520	9	80	8021 / 8167	0.02-2.00
Chlorine, F & T, LR, AV 0-2 ppm	520	11	85	8021 / 8167	0.02-2.00
Chlorine, F & T, TNT 0-5 ppm	520	10	89	10102/ 10101	0.09-5.00
Chlorine, F & T, MR 0-4 ppm	520	114	87	10250	0.05-4.00
Chlorine, F & T, UHR 0-10 ppm	520	12 *program 8 obsolete	88	10069 / 10070	0.0-10.0
Chlorine, Free Indophenol	610	110	66	10241	0.04-4.50
Chromium, Hexavalent	560	13	90	8023	0-0.60
Chromium, Hexavalent, AV	560	14	95	8023	0-0.60
Chromium, total	560	15	100	8024	0-0.60
COD, LR	420	16	430	8000	3-150
COD-HR, HR+	610	17	435	8000	20-1,500 / 200-15,000
COD, Manganese III	520	18	435	10067	30-1000
Color*, True and Apparent	420	19	122	8025	0-500
Copper, Bichinchoninate	560	20	135	8506	0-5.00

Copper, Bichinchoninate, AV	560	20	140	8026	0-5.00
Copper, porphyrin	420	22	145	8143	0-210 ug/L
Cyanide	610	23	160	8027	0-0.240
Cyanuric acid	520	24	170	8139	7.-56
Oxygen Scavengers, Carbohydrazide	560	25	180	8140	5-600 ug/L
Oxygen Scavengers, DEHA	560	25	181	8140	3-450 ug/L
Oxygen Scavengers, hydroquinone	560	25	182	8140	9-1000 ug/L
Oxygen Scavengers, iso-ascorbic acid	560	25	183	8140	13-1500 ug/L
Oxygen Scavengers, methylethylketoxime	560	25	184	8140	15-1000 ug/L
Detergents^ (downsize)	610	26	710	8028	0-0.30
Fluoride, SPADNS	610	27	190	8029	0-2.00
Fluoride, SPADNS, AV	610	28	195	8029	0-2.00
Hardness, calcium	520	29	220	8030	0-4.0
Hardness, magnesium	520	30	225	8030	0-4.0
Hydrazine	420	31	231	8141	0-500 ug/L
Hydrazine, AV	420	32	232	8141	0-500 ug/L
Iron, Ferrous	520	33	255	8146	0-3.0
Iron, Ferrous, AV	520	33	257	8146	0-3.0
Iron, total, Ferrover	520	33	265	8008	0-3.0
Iron, total, Ferrover, AV	520	33	267	8008	0-3.0
Iron, total, Ferrozine	560	37	260	8147	0-1.3
Iron, total, FerroMo	610	38	275	8365	0-1.8
Iron, total, TPTZ*	610	39	270	8112	0-1.8
Iron, total, TPTZ, AV	610	39	272	8112	0-1.8
Iron, total, Ferrover	520	127	265	10249	0.1-3.0,1.0-30.0,10.0-300.0
Manganese, HR	520	41	295	8034	0-20
Manganese, LR	560	43	290	8149	0-0.70
Molybdenum, Molybdate, HR	420	44	320	8036	0-40
Molybdenum, Molybdate, HR, AV	420	44	322	8036	0-40
		46 *program			
Nitrogen, Free ammonia	610	49 obsolete	388	10201	0-0.50
Molybdenum, ternary complex	610	47	315	8169	0-3.0
Monochloramine HR TNT	610	67	111	10172	0.1-10.0

Monochloramine LR	610	66	110	10171 / 10200	0.04-4.50
Nickel, PAN	560	48	340	8150	0-1.0
Nitrate (Cd reduction) HR AV	520	50	361	8039	0-30.0
Nitrate (Cd reduction) HR PP	520	51	355	8039	0-30.0
Nitrate (Cd reduction) MR AV	420	53	359	8171	0-5.0
Nitrate (Cd reduction) MR PP	420	54	353	8171	0-5.0
Nitrate (Cd reduction) LR	520	55	351	8192	0-0.50
Nitrate, TNT, chromotropic acid finish	420	57	344	10020	0-30.0
Nitrite, HR	560	59	373	8153	0-150
Nitrite,LR	520	60	371	8507	0-0.350
Nitrite,LR, AV	520	62	375	8507	0-0.350
Nitrite,TNT	520	63	345	10019	0-0.50
Nitrogen, TKN with Nessler finish	420	65	399	8075	0-150
Nitrogen, Ammonia PP	610	64	385	8155	0-1.0
Nitrogen, Ammonia, LR, TNT	610	66	342	10023	0-2.50
Nitrogen, Ammonia, HR, TNT	610	67	343	10031	0-50
Nitrogen, Total Nitrogen TNT	420	58	350	10071	0-25.0
Nitrogen, Total Inorganic TNT	610	68	346	10021	0-25
Nitrogen, total, HR, TNT	420	69	394	10072	0-150
Oxygen,dissolved, HR, AV	520	70	445	8166	0-15
Oxygen, dissolved,LR, AV	610	71	446	8316	0-1000 ug/L
Ozone, LR, AV	610	72	454	8311	0-0.25
Ozone, MR, AV	610	73	455	8311	0-0.75
Ozone, HR, AV	610	74	456	8311	0-1.5
pH	520	75	461	10076	6.5-8.5 ph
Phosphonates	610	80	501	8007	0-125
Phosphorous, Molybdovanadate	420	77	480	8114	0-45
Phosphorous, Molybdovanadate, AV	420	78	482	8114	0-45
Phosphorous, Phosver 3	610	79	490	8048	0-2.5
Phosphorous, Phosver 3, AV	610	79	492	8048	0-2.5
Phosphorous, Reactive, Phosver 3, TNT	610	82	535	8048	0-5.0
Phosphorous, Acid Hyrolyzable, TNT	610	82	536	8180	0.06-3.50
Phosphorous, amino acid	520	85	485	8178	0-30

Phosphorous, Reactive, HR, TNT	420	86	540	8114	0.0-100.0
Phosphorous, Total, LR, TNT	610	82	536	8190	0.00-3.5
Phosphorous, Total, HR, TNT	420	87	542	10127	0.0-100.0
Potassium	610	no program	905	8049	0.1-7.0
Silica, UHR	420	88	*see HR	10098	0-200
Silica, HR	420	89	656	8185	0-75.0
Silica, LR	610	90	651	8186	0-1.6
Sulfate	520	91	680	8051	0-70
Sulfate, AV	520	92	685	8051	0-70
Sulfate, HR	520	128	680	10248	2-70, 20-700, 200-7000
Sulfide	610	93	690	8131	0-0.7
Sulfide, HR	610	129	691	10254	0-0.70, 0-7.00, 0-70.00
Suspended Solids	610	94	630	8006	0-750
Tannin and Lignin	610	97	720	8193	0-9.0
Total Organic Carbon, LR	610	116	427	10129	0-20.0
Total Organic Carbon, MR	610	117	425	10173	15-150
Total Organic Carbon, HR	610	115	426	10128	20-700
Turbidity	520	95	745	8237	0-1000 FAU
Volatile Acids	520	96	770	8196	0-2800
Zinc	610	97	780	8009	0-3.0