

## PARÁMETROS, METODOS Y REACTIVOS HACH

La siguiente tabla enumera los parámetros, rangos de prueba, métodos de análisis y código del set de reactivos correspondiente. Los rangos proporcionados son para la lectura del instrumento pre calibrado; rangos más altos pueden ser analizados por dilución de la muestra. Los parámetros marcados como "EPA" están aprobados, aceptados o equivalentes por la EPA para fines de generación de informes; El pre tratamiento de la muestra puede ser requerido en algunos procedimientos. Si no aparece ningún código de set de reactivos para un parámetro, consulte a su asesor comercial

PARÁMETRO	EPA	MÉTODO HACH	NÚMERO (MÉTODO)	RANGO	DR6000	DR3900	DR1900	DR900	DR300	SI1000	CÓDIGO REACTIVO
Akalinity, Total (TNTplus)		Colorimetric	10239	25 - 400 mg/L	●	●	●				TNT870
Alkalinity, Total LR (Chemkey)		Colorimetric	10280	20 - 200 mg/L						●	8636200
Alkalinity, Total, HR (Chemkey)		Colorimetric	10283	200 - 700 mg/L						●	8636100
Aluminium		Aluminon	8012	0.008 - 0.800 mg/L	●	●	●	●	●		2242000
Aluminium		Eriochrome Cyanine R	8326	0.002 - 0.250 mg/L	●	●	●				2603700
Aluminium (TNTplus)		Chromazurol S	10215	0.02 - 0.50 mg/L	●	●	●				TNT848
ANAMMOX Activity (TNTplus)		Chromazurol C	10304	0 - 33 umol/L	●	●	●				TNT882
Ammonia, Nitrogen		Salicylate	8155	0.01 - 0.50 mg/L	●	●	●	●	●		2668000
Ammonia, Nitrogen (TNTplus), ULR	●	Salicylate	10205	0.015 - 2000 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, Nitrogen (TNTplus), UHR+	●	Salicylate	10301	100 - 1800 mg/L	●	●	●				TNT834
Ammonia, Free (Chemkey)		Indophenol	10269	0.05 - 0.50 mg/L						●	9429600
Ammonia, Total (Chemkey)		Indophenol	10268	0.05 - 1.50 mg/L						●	9425200
Arsenic	●	Silver Diethyldithiocarbamate	8013	0.020 - 0.200 mg/L	●	●	●				-
Barium		Turbidimetric	8014	2 - 100 mg/L	●	●	●				126499
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)		Cadion	10217	0.2 - 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 (Tes 'N Tube), HR		Indophenol	10172	0.1 - 10.0 mg/L	●	●	●				2805145
Chloramine, Mono (Chemkey)		Indophenol	10270	0.04 - 4.00 mg/L						●	9429400
Chloride		Mercuric Thiocyanate	8113	0.1 - 25.0 mg/L	●	●	●				2319800
Chloride (TNTplus)		Mercuric Thiocyanate	10291	1 - 70 mg/L Cl 170 - 10000 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, Free (Chemkey)	●	DPD	10260	0.04 - 4.00 mg/L						●	9429000
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

PARÁMETRO	EPA	MÉTODO HACH	NÚMERO (MÉTODO)	RANGO	DR6000	DR9900	DR1900	DR9000	DR3000	SL1000	CÓDIGO REACTIVO
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, Total (Chemkey)	●	DPD	10260	0.4 - 10.00 mg/L						●	9429100
Chlorine Demand/Requirement	●	DPD	10223	Multiple Ranges	●	●	●	●	●		-
Chlorine Dioxide DPD	●	DPD/Glycine	10126	0.04 - 5.00 mg/L	●	●	●	●	●		2770900
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	●	●	●				-
Chromium, Hexavalent	●	1,5 Diphenylcarbohydrazide	8023	0.010 - 0.700 mg/L	●	●	●	●			1271099
Chromium, Hexavalent and Total (TNTplus)	● <sup>1</sup>	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 - 1500 mg/L	●	●	●	●			2125925
COD, HR+		Dichromate	8000	200 - 15.000 mg/L	●	●	●	●			2415925
COD		Manganese III	10067	30 - 1.000 mg/L	●	●	●	●			2623425
COD, Mercury Free (TNTplus), HR		Dichromate	10236	25 - 1.000 mg/L	●	●	●				TNT825
COD in Salt Water (TNTplus), LR		Dichromate	10299	7 - 70 mg/L	●	●	●				TNT815
COD in Salt Water (TNTplus), HR		Dichromate	10299	70 - 700 mg/L	●	●	●				TNT816
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 <sup>5</sup>		ADMI Weighted Ordinate	10048	3 - 1000 units	●	●					-
Color, True and Apparent		Platinum-Cobalt	8025	15 - 500 units	●	●	●	●			-
Color, True and Apparent, LR		Platinum-Cobalt	8025	3 - 500 units	●	●					-
Cooper, LR		Porphyrin	8143	1 - 210 µg/L	●	●	●	●			2603300
Cooper	●	Bicinchoninate	8506	0.04 - 4.50 mg/L	●	●	●	●			2105869
Cooper (AccuVac)		Bicinchoninate	8026	0.04 - 4.50 mg/L	●	●	●	●			2504025
Cooper (TNTplus) <sup>2</sup>		Bathocuproine	10238	0.1 - 8.0 mg/L	●	●	●				TNT860
Cooper (Chemkey)	●	Bicinchoninate	10272	0.06 - 5.00 mg/L						●	9429200
Cyanide		Pyridine-Pyrazalone	8027	0.002 - 0.240 mg/L	●	●	●	●			2430200
Cyanide (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
Disolved Oxygen (AccuVac), LR		Indigo Carmine	8316	0.04 - 4.50 mg/L	●	●	●	●			2501025
Disolved Oxygen (AccuVac), HR		HRDO	8166	0.3 - 15.00 mg/L	●	●	●	●	●		2515025
Disolved Oxygen (AccuVac), UHR		Ultra High Range	8333	1.0 - 40.0 µg/L	●	●	●				2515025
Erythorbic Acid (Isoascorbic Acid)		Iron Reduction	8140	13 - 1500 mg/L	●	●	●	●			2446600
Fluoride, Arsenic Free	● <sup>3,4</sup>	SPADNS 2	10225	0.02 - 2.00 mg/L	●	●	●	●			2947549
Fluoride, Arsenic Free (AccuVac)	● <sup>3,4</sup>	SPADNS 2	10225	0.02 - 2.00 mg/L	●	●	●	●			2527025
Fluoride, Arsenic Free (TNTplus)	● <sup>3</sup>	SPADNS 2	10225	0.1 - 2.5 mg/L	●	●	●				TNT878
Fluoride	● <sup>4</sup>	SPADNS	8029	0.02 - 2.00 mg/L	●	●	●	●			44449
Fluoride (AccuVac)	● <sup>4</sup>	SPADNS	8029	0.02 - 2.00 mg/L	●	●	●	●			2506025
Formaldehyde		MBTH	8110	3 - 500 µg/L	●	●	●				2257700

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Formaldehyde (TNTplus)		Acetylacetone	10295	0.5 - 10 mg/LH <sub>2</sub> 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
Hardness, Total, LR (Chemkey)		Calmagite Colorimetric	10284	3 - 100 mg/L						●	8638400
Hardness, Total, HR (Chemkey)		Calmagite Colorimetric	10285							●	8638400
Hardness, Water (TNTplus)		Metalphthalein	10293	20 - 350 mg/L as CaCO <sub>3</sub> 5 - 100 mg/L Ca 3 - 50 mg/L Mg	●	●	●				TNT869
Hydrazine		p-Dimethylaminobenzaldehyde	8141	4 - 600 µg/L	●	●	●	●			179032
Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) <sup>1</sup>		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) <sup>2</sup>	●	Phenanthroline	10229	0.2 - 6.0 mg/L	●	●	●				TNT858
Iron		FerroZine	8147	0.009 - 1.400 mg/L	●	●	●	●			230166
Iron (Pour-Trhu 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
Iron, Total (5-cm Sample Cell)		1, 10 Phenanthroline	10306	0.01 - 1.00 mg/L	●	●					HPT251
Iron, Total Disolved (Chemkey)		1, 10 Phenanthroline	10281	0.05 - 3.00 mg/L						●	8636000
Isoascorbic Acid (Erythorbic Acid) (ISA)		Iron Reduction	8140	13 - 1500 µg/L	●	●	●	●			2446600
Lead		LeadTrak Fast Column Extraction	8317	5 - 150 µg/L	●	●	●				2375000
Lead	●	Dithizone	8033	3 - 300 µg/L	●	●	●				2243100
Lead (TNTplus) <sup>2</sup>		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	●	●	●				HTP291
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		Temary 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	●	●	●	3			2651600
Nickel	●	Heptoxime	8037	0.02 - 1.80 mg/L	●	●	●				2243500
Nickel (TNTplus) <sup>2</sup>		Dimethylglyoxime	10220	0.1 - 6 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 µg/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

PARÁMETRO	EPA	MÉTODO HACH	NÚMERO (MÉTODO)	RANGO	DR6000	DR3900	DR1900	DR900	DR300	SI1000	CÓDIGO REACTIVO
Nitrite, Nitrogen (TNTplus), HR		Diazotization	10237	0.6 - 6.0 mg/L	●	●	●				TNT840
Nitrite, Nitrogen (TNTplus), UHR		Diazotization	10296	2 - 90 mg/L	●	●	●				TNT841
Nitrite, Nitrogen, HR		Ferrous Sulfate	8153	2 - 250 mg/L	●	●	●	●			2107569
Nitrite, Nitrogen (Chemkey)		Diazotization	10271	0.005 - 0.600 mg/L						●	9429300
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 - 25.0mg/L	●	●	●	●			2604945
Nitrogen, Simplified TKN (TNTplus)	●	S-TKN	10242	0 - 16 mg/L	●	●	●				TNT880
Nitrogen, Total Kjeldahl (TKN)		Nessler	8075	1 - 50 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, Disolved (See Disolved 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
Paracetic Acid (PAA) <sup>1</sup>		DPD	10290	0.010 - 10.00 mg/L	●	●	●				1406499
Paracetic Acid (PAA) (Chemkey)		DPD	10297	0.04 - 50.00 mg/L						●	8635200
pH (Chemkey)		Colorimetric Phenol Red	10298	10298 6.3 - 9.0 units						●	9759000
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 - 30.00mg/L	●	●	●	●			2244100
Phosphorus, Reactive (5-cm Sample Cell)		Ascorbic Acid	10307	0.01 - 0.50 mg/L	●	●					HTP487
Phosphate, LR (Chemkey)		Ascorbic Acid	10279	0.20 - 4.00 µg/L						●	8636600
Phosphate, HR (Chemkey)		Ascorbic Acid	10282	2.0 - 30.0 mg/L						●	8636500
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 Hydrolizable (Test 'N Tube)		PhosVer 3 with Acid Hydrolysis	8180	0.06 - 3.50 mg/L	●	●	●	●			2742645
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	●	●	●				2106169
Phosphorus, Reactive and Total (TNTplus), HR	●	Ascorbic Acid	10209, 10210	1.5 - 15.0 mg/L	●	●	●				2511025
Phosphorus, Reactive and Total (TNTplus), UHR	●	Ascorbic Acid	10209, 10210	6 - 60 mg/L	●	●	●				TNT836
Potassium		Tetraphenylborate	8049	0.1 - 7.0 mg/L	●	●	●				2107169
Quaternary Ammonium Compounds		Direct Binary Complex	8337	0.2 - 5.0 mg/L	●	●	●				2608345
Silica (Pour-Thru Cell), ULR		Heteropoly Blue	8282	3 - 1000 µg/L	●	●	●				TNT839

PARÁMETRO	EPA	MÉTODO HACH	NÚMERO (MÉTODO)	RANGO	DR6000	DR3900	DR1900	DR900	DR300	SI1000	CÓDIGO REACTIVO
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 (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	●	●	●				TNT861
Surfactants, (See Detergents)											-
Surfactants, Anionic (TNTplus)		Methylene Blue (MBA)	8131	0.1 - 4.0 mg/L	●	●	●				TNT874
Surfactants, Cationic (TNTplus)		Cetyltrimethylammonium Bromide	10305	0.2 - 2.0 mg/L	●	●	●				TNT885
Surfactants, Nonionic LR (TNTplus)		TBPE	10275	0.2 - 60 mg/L as Triton x-100	●	●	●				TNT875
Surfactants, Nonionic HR (TNTplus)		TBPE	10275	6 - 200 mg/L as Triton x-100	●	●	●				TNT876
Suspended Solids		Photometric	8006	5 - 750 mg/L	●	●	●	●			-
Tanin & 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 <sup>1</sup>		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
Zinc	●	Zincon	8009	0.01 - 3.00 mg/L	●	●	●	●	●		2429300

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

<sup>2</sup>Free Ammonia Chemkeys can only be analyzed in tandem with the Monochloramine Chemkeys.

<sup>3</sup>EPA approved for Cr6 only. <sup>4</sup>As listed, test determines soluble metal. Order Metals Prep Set 890 to determine total metal.

<sup>5</sup>Per 40 CFR 136.6 Method Modification and Flexibility. Not EPA accepted for drinking water using the DR900 colorimeter.

<sup>6</sup>Others color scale available: CIE L\*a\*b, Hazen, Iodine, Gardner, Yellowness & EBC (Z).

<sup>7</sup>Requires Product. No. 193332 & 1456842. <sup>8</sup>As listed, test determines soluble metal. Order Metals Prep Set 890 to determine total metal.

<sup>9</sup>Nickel PAN method reagent set for DR 900 is Prod. No. 2242600.

<sup>10</sup>Requires Product. No. 193332 & 1456842.

<sup>11</sup>Requires Soil Extraction Kit. Please order Prod. No. 2775100.

**NOTA IMPORTANTE:** Todos los precios indicados no incluyen el IVA(15%), no incluyen gastos de envío, los mismos son referenciales y pueden variar sin previo aviso.