

#GMMST22

ANALYTE	METHOD	CONTAINER & PRESERVATIVES	HOLDING TIME	MRL	MDL	UNITS	LCS RANGE	MS RANGE	CAS #
Chloride	EPA 300.0	125ml poly no preservative	28 DAY	1.0	0.025	mg/L	90 - 110	80 - 120	16887-00-6
Sulfate	EPA 300.0	125ml poly no preservative	28 DAY	0.5	0.06	mg/L	90 - 110	80 - 120	14808-79-8
Nitrate as Nitrogen by IC	EPA 300.0	125ml poly no preservative	48 HOUR	0.1	0.005	mg/L	90 - 110	80 - 120	14797-55-8
Nitrate as NO3 (calc)	EPA 300.0	125ml poly no preservative	48 HOUR	0.44	0.022	mg/L		80 - 120	14797-55-8C
Nitrite Nitrogen by IC	EPA 300.0	125ml poly no preservative	48 HOUR	0.05	0.004	mg/L	90 - 110	80 - 120	14797-65-0
Total Nitrate, Nitrite-N, CALC	EPA 300.0	125ml poly no preservative	48 HOUR	0.1	0.005	mg/L			Nitrate, Total
Calcium Total ICAP	EPA 200.7	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.118	mg/L	85 - 115	70 - 130	7440-70-2
Iron Total ICAP	EPA 200.7	500ml acid poly 2ml HNO3 (18%)	180 DAY	0.02	0.00262	mg/L	85 - 115	70 - 130	7439-89-6
Magnesium Total ICAP	EPA 200.7	500ml acid poly 2ml HNO3 (18%)	180 DAY	0.1	0.003	mg/L	85 - 115	70 - 130	7439-95-4
Potassium Total ICAP	EPA 200.7	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.13	mg/L	85 - 115	70 - 130	07440-09-7
Sodium Total ICAP	EPA 200.7	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.113	mg/L	85 - 115	70 - 130	7440-23-5
Aluminum Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	20	0.782	ug/L	85 - 115	70 - 130	7429-90-5
Antimony Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.159	ug/L	85 - 115	70 - 130	7440-36-0
Arsenic Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.060	ug/L	85 - 115	70 - 130	7440-38-2
Barium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	2	0.171	ug/L	85 - 115	70 - 130	7440-39-3
Beryllium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.054	ug/L	85 - 115	70 - 130	7440-41-7
Cadmium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	0.5	0.012	ug/L	85 - 115	70 - 130	7440-43-9
Chromium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.088	ug/L	85 - 115	70 - 130	7440-47-3
Copper Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	2	0.197	ug/L	85 - 115	70 - 130	7440-50-8

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Lead Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	0.5	0.038	ug/L	85 - 115	70 - 130	7439-92-1
Manganese Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	2	0.056	ug/L	85 - 115	70 - 130	7439-96-5
Nickel Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	5	0.323	ug/L	85 - 115	70 - 130	7440-02-0
Selenium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	5	0.153	ug/L	85 - 115	70 - 130	7782-49-2
Silver Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	0.5	0.014	ug/L	85 - 115	70 - 130	7440-22-4
Thallium Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	1	0.020	ug/L	85 - 115	70 - 130	7440-28-0
Zinc Total ICAP/MS	EPA 200.8	500ml acid poly 2ml HNO3 (18%)	180 DAY	20	1.235	ug/L	85 - 115	70 - 130	7440-66-6
Agressiveness Index-Calculated	SM 2330	N/A	180 DAY	0.1		None			AI
Alkalinity in CaCO3 units	SM 2320B	250ml poly no preservative	14 DAY	2	0.834	mg/L	90 - 110	80 - 120	471-34-1
Anion Sum - Calculated	SM 1030E	N/A	180 DAY	0.001		meq/L			Anion Sum
Bicarb.Alkalinity as HCO3calc	SM2330B	N/A	999 DAY	2	2	mg/L			BAlkalinity
Carbon DioxideFree(25C)-Calc.	SM4500-CO2-D	N/A	180 DAY	2	2	mg/L			124-38-9
Carbonate as CO3 Calculated	SM2330B	N/A	180 DAY	2	2	mg/L			3812-32-6
Cation Sum - Calculated	SM 1030E	N/A	180 DAY	0.001		meq/L			Cation Sum
Fluoride	SM 4500F-C	250 ml poly FLUORIDE_no preservative	28 DAY	0.05	0.007	mg/L	81 - 116	73 - 124	7782-41-4
Hydroxide as OH Calculated	SM2330B	N/A	180 DAY	2	2	mg/L			14280-30-9
Langelier Index - 25 degree	SM 2330B	N/A	180 DAY	-14	-14	None			LI-25
Langlier Index at 60 degrees C	SM 2330B	N/A	180 DAY	-14		None			LI-60
Mercury	EPA 245.1	500ml acid poly 2ml HNO3 (18%)	28 DAY	0.2	0.0424	ug/L	85 - 115	70 - 130	7439-97-6
PH (H3=past HT not compliant)	SM4500-HB	250ml poly no preservative	7 DAY	0.1	0.1	Units	98.3 - 101.7		pH (H3)
pH of CaCO3 saturation(25C)	SM 2330B	N/A	180 DAY	0.1	0.1	Units			pH-25C

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pH of CaCO3 saturation(60C)	SM 2330B	N/A	14 DAY	0.1	0.1	Units			pH-60C
Specific Conductance	SM2510B	250ml poly no preservative	28 DAY	2	0.509	umho/cm	95 - 105		10010
Surfactants	SM 5540C/EPA 425.1	500ml poly no preservative	2 DAY	0.05	0.014	mg/L	90 - 110	80 - 120	10057
Total Dissolved Solid (TDS)	E160.1/SM2540C	500ml poly TDS - no preservative	7 DAY	10	4.224	mg/L	80 - 114		10052
Total Hardness as CaCO3 by ICP	SM 2340B	N/A	180 DAY	3	3	mg/L			Chardness