



EasyChem EPA Compliant Methods

Analyte	Method	Range	MDL
Alkalinity	EPA 310.2	10 – 200 mg/L	1.77 mg/L
Ammonia in Water	EPA 350.1	0.01 – 2.0 mg/L	0.005 mg/L
Chloride	SM 4500-Cl E	1 – 200 mg/L	0.05 mg/L
Chromium (Hexavalent)	SM 3500-Cr B	0.01 – 0.5 mg/L	0.003 mg/L
Cyanide, Total	EPA 335.4	15 – 500 µg/L	0.8 µg/L
Hardness	EPA 130.1	10 – 500 mg/L	7.5 mg/L
Nitrate + Nitrite (Cd Reduction)	EPA 353.2	0.02 – 2.0 mg/L	0.0044 mg/L
Nitrate + Nitrite (Cd Reduction)	SM 4500-NO3-E	0.01 – 1.00 mg/L	0.0021 mg/L
Nitrate + Nitrite (Hydrazine)	SM 4500-NO3-H	0.01 – 10 mg/L	0.002 mg/L
Nitrite	EPA 353.2	0.01 – 1.0 mg/L	0.0019 mg/L
Nitrite	SM 4500-NO2-B	0.005 – 0.180 mg/L	0.0004 mg/L
Nitrogen, TKN	EPA 351.2	0.01 – 1.5 mg/L	0.021 mg/L
Phenol	EPA 420.1	2 – 500 µg/L	2.9 µg/L
Phosphate, Ortho	SM 4500-P-E	0.005 – 0.500 mg/L	0.0014 mg/L
Phosphate, Ortho	EPA 365.1	0.01 – 1.0 mg/L	0.0018 mg/L
Phosphorus, Total (Acid Persulfate Digestion)	EPA 365.3	0.01 – 1.0 mg/L	0.0018 mg/L
Phosphorus, Hydrolyzable	EPA 365.3	0.01 – 1.0 mg/L	0.0018 mg/L
Phosphorus, Total (Block Digestion)	EPA 365.4	0.01 – 2.0 mg/L	0.0029 mg/L
Silica (Dissolved in Water)	USGS I-2700-85	0.05 – 20 mg/L	0.0030 mg/L
Sulfate	SM 426C	0 – 10 mg/L 10 – 80 mg/L	0.1 mg/L 0.54 mg/L
Sulfide	SM 4500-S2-D	2 – 20 mg/L	1.0 mg/L

*Range may be extended. Contact local Blue Sun Scientific representative for more information.

**Method Detection Limit (MDL) is determined by EPA procedure 40 CFR Part 136, App. B