



## Wet Chemistry Tests

Test Name	Collection Media	Method	Matrix	Minimum Amount	Preservative	Analytical Technique	Fee
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Alkalinity	P	Lachat 10-303-31-D, EPA 310.2, SM2320B	Water	250ml	4°C	Lachat	15
Ammonia	P	Lachat 10-107-06-1-X, EPA 350.1	Water	250ml	H2SO4, 4°C	Lachat	55
Anions Scan*	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	95
CBOD	P	SM 5210-B, EPA 405.1	Water	1000ml	4°C	Skalar	55
BOD	P	SM 5210-B, EPA 405.1	Water	1000ml	4°C	Skalar	55
Bromide	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
Chloride	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
COD	P	HACH 8000, EPA 410.4/5220D	Water	250ml	H2SO4, 4°C	UV-vis	30
Color	P	Lachat 10-308-00-1-C, EPA 110.2	Water	250ml	None	Lachat	15
Corrosivity	P/G	EPA 150.1, SM4500H <sup>+</sup> B	Water	250ml	4°C	pH Meter	15
Conductivity	P	SM2510B, EPA 120.1	Water	250ml	4°C	Cond Meter	15
Nitrate (as N)	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
Nitrite (as N)	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
Nitrate plus Nitrite	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	H2SO4, 4°C	IC	35
Oil and Grease	P/G	EPA 1664	Water	2000ml	H2SO4, 4°C	GRAV.	55
Organic Nitrogen**	P	Lachat 10-107-06-2 - 2485, EPA 351.2/350.1	Water	250ml	4°C	Lachat	95
Orthophosphate (as P)	P	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	None	Lachat	35
pH	P/G	EPA 150.1, SM4500H <sup>+</sup> B	Water	250ml	4°C	pH METER	15
Total Phenols	P/G	Lachat 10-210-00-1-A, EPA 420.2	Water	100g	H2SO4, 4°C	Lachat	55

Phosphate	P	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	None	Lachat	35
Reactive Cyanide	P	Lachat 10-204-00-1-X, EPA 335.4	Water	1000ml	NaOH, 4°C	Lachat	55
Reactive Sulfide	P	Lachat 10-116-29-1-X	Water	1000ml	NaOH, 4°C	Lachat	55
Specific Conductance	P/G	SM2510B, EPA 120.1	Water	250ml	4°C	COND.	15
Sulfate (as SO4)	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
Sulfide	P	Lachat 10-116-29-1-X	Water	250ml	NaOH, 4°C	Lachat	55
Total Dissolved Solids (TDS)	P	SM2540C, EPA 160.2	Water	1000ml	4°C	GRAV.	15
Total Kjeldahl Nitrogen (TKN)	P	Lachat 10-107-06-2-M, EPA 351.2	Water	250ml	H2SO4, 4°C	Lachat	55
Total Nitrogen***	P	Lachat 10-107-06-2-M, Calculation	Water	250ml	4°C	Lachat	95
Total Cyanide	P	Lachat 10-204-00-1-X, EPA 335.4	Water	250ml	NaOH, 4°C	Lachat	55
Total Fluoride	P/G	Lachat 10-510-00-1-E, EPA 300.0	Water	250ml	4°C	IC	35
Total Solids (TS)	P	SM2540B	Water	1000ml	4°C	GRAV.	15
Total Suspended Solids (TSS)	P/G	SM2540D, EPA 160.2	Water	1000ml	4°C	GRAV.	15
Total Volatile Solids (TVS)	P	SM2540E, EPA 160.4	Water	1000ml	4°C	GRAV.	15
TOC	P	EPA 415.2, Hach10129 (LR)	Water	250ml	H2SO4, 4°C	UV-vis	30
Turbidity	P/G	EPA 180.1	Water	250ml	4°C	TURB. Meter	15

\*Anion Scan contains: Bromide, Chloride, Fluoride, Nitrate, Nitrite, Phosphate, Sulfate.

\*\*Organic Nitrogen: TKN + Ammonia

\*\*\*Total Nitrogen: TKN + Nitrate + Nitrite