

# Test Name & Methods by Analysis Group



## Analytical Group: Metals

Aluminum %	USP 29	Chromium - Dissolved	EPA 200.9
Aluminum - Dissolved	EPA 7000B	Chromium - Total	SM 3111B
Aluminum - Total	SM 3111D	Chromium - Total	EPA 200.9
Aluminum - Total	EPA 7000B	Chromium - Total	EPA 7000B
Aluminum Oxide	AWWA B408-03	Chromium - Total	SM 3113B
Antimony - Dissolved	SM 3113B	Chromium - Total	EPA 7010
Antimony - Dissolved	EPA 7010	Cobalt - Dissolved	EPA 7000B
Antimony - Dissolved	EPA 200.9	Cobalt - Total	EPA 7000B
Antimony - Total	EPA 7010	Cobalt - Total	SM 3111B
Antimony - Total	SM 3113B	Copper - Dissolved	SM 3113B
Antimony - Total	EPA 200.9	Copper - Dissolved	EPA 7000B
Arsenic - Dissolved	EPA 7010	Copper - Dissolved	EPA 7010
Arsenic - Dissolved	SM 3113B	Copper - Dissolved	EPA 200.9
Arsenic - Dissolved	EPA 200.9	Copper - Total	SM 3111B
Arsenic - Total	EPA 200.9	Copper - Total	EPA 7010
Arsenic - Total	EPA 7010	Copper - Total	EPA 200.9
Arsenic - Total	SM 3113B	Copper - Total	EPA 7000B
Arsenic Low Level - Total	EPA 200.9	Copper - Total	SM 3113B
Arsenic Low Level - Total	SM 3113B	Furnace EPA 200.9 Dissolved	EPA 200.9
Barium - Dissolved	EPA 7000B	Hardness - Total	SM 2340B
Barium - Total	EPA 7000B	ICP Dissolved Metals	EPA 6010B
Beryllium - Dissolved	EPA 7000B	ICP Dissolved Metals	EPA 200.7
Beryllium - Total	EPA 7000B	ICP Dissolved Metals DW	EPA 200.7
Cadmium - Dissolved	EPA 200.9	ICP Dissolved Metals SM	SM 3120 B
Cadmium - Dissolved	SM 3113B	ICP Dissolved Metals Sea Water	EPA 200.7
Cadmium - Dissolved	EPA 7010	ICP Dissolved Metals Sea Water	EPA 6010B
Cadmium - Dissolved	EPA 7000B	ICP Total Metals	EPA 6010D
Cadmium - Dissolved Sea Water	EPA 7010	ICP Total Metals	EPA 6010C
Cadmium - Dissolved Sea Water	EPA 200.9	ICP Total Metals	EPA 200.7
Cadmium - Total	EPA 200.9	ICP Total Metals	EPA 200.7
Cadmium - Total	SM 3111B	ICP Total Metals	EPA 6010B
Cadmium - Total	EPA 7000B	ICP Total Metals DW	EPA 200.7
Cadmium - Total	SM 3113B	ICP Total Metals SM	SM 3120 B
Cadmium - Total	EPA 7010	ICP Total Metals Sea Water	EPA 6010B
Cadmium - Total Sea Water	EPA 200.9	ICP Total Metals Sea Water	EPA 200.7
Calcium - Dissolved	EPA 7000B	Ionic Balance	SM 1030 E, 20 ed
Calcium - Total	SM 3111B	Iron - Dissolved	EPA 7000B
Calcium - Total	EPA 7000B	Iron - Ferric	SM 3500 Fe B
Calcium Hardness	SM 2340B	Iron - Total	EPA 7000B
Calcium Hardness	EPA 200.7	Iron - Total	SM 3111B
Calcium Hardness	SM 2340B	Lead - Dissolved	EPA 7000B
Cation-Exchange Capacity	SW846-9081	Lead - Dissolved	EPA 7010
Cations - Total	SM 1030 E, 20 ed.	Lead - Dissolved	SM 3113B
Chromium - Dissolved	EPA 7010	Lead - Dissolved	EPA 200.9
Chromium - Dissolved	SM 3113B	Lead - Total	EPA 7421
Chromium - Dissolved	EPA 7000B	Lead - Total	EPA 200.9

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Lead - Total	SM 3111B	SPLP - Arsenic	EPA 7010
Lead - Total	EPA 7010	SPLP - ICP 6010B	EPA 6010B
Lead - Total	SM 3113 B	SPLP - Mercury	EPA 7470A
Lead - Total	EPA 7000B	Secondary DW ICP	EPA 200.7
Lithium - Total	SM 3111B	Selenium - Dissolved	EPA 7010
Magnesium - Dissolved	EPA 7000B	Selenium - Dissolved	EPA 200.9
Magnesium - Total	EPA 7000B	Selenium - Dissolved	SM 3113B
Magnesium - Total	SM 3111B	Selenium - Total	EPA 7010
Magnesium Hardness	EPA 200.7	Selenium - Total	SM 3113 B
Magnesium Hardness	SM 2340B	Selenium - Total	EPA 200.9
Manganese - Dissolved	EPA 7000B	Silica - Dissolved	EPA 6010B
Manganese - Total	EPA 7000B	Silica - Dissolved	EPA 200.7
Manganese - Total	SM 3111B	Silica - Total	EPA 6010B
Mercury - Dissolved	EPA 1631E	Silica - Total	EPA 200.7
Mercury - Dissolved	EPA 245.1	Silicon Trioxide - Dissolved	EPA 200.7
Mercury - Dissolved	EPA 7470 A	Silicon Trioxide - Total	EPA 200.7
Mercury - Total	EPA 1631E	Silver - Dissolved	EPA 200.9
Mercury - Total	EPA 7471A	Silver - Dissolved	SM 3113B
Mercury - Total	EPA 7470 A	Silver - Dissolved	EPA 7010
Mercury - Total	EPA 245.1	Silver - Dissolved	EPA 7000B
Mercury in Sediment	EPA 245.5	Silver - Total	SM 3111B
Molybdenum - Dissolved	SM 3113 B	Silver - Total	EPA 200.9
Molybdenum - Dissolved	EPA 7000B	Silver - Total	EPA 7010
Molybdenum - Total	SM 3113 B	Silver - Total	SM3113B
Molybdenum - Total	EPA 7000B	Silver - Total	EPA 7000B
Molybdenum - Total	SM 3111D	Sodium - Dissolved	EPA 7000B
Nickel - Dissolved	EPA 7000B	Sodium - Dissolved	SM 3111 B
Nickel - Dissolved	EPA 7010	Sodium - Total	EPA 7000B
Nickel - Dissolved	SM 3113B	Sodium - Total	SM 3111 B
Nickel - Dissolved	EPA 200.9	Sodium Absorption Ratio	USDA 5E
Nickel - Total	EPA 7010	Sodium Hardness	EPA 200.7
Nickel - Total	EPA 200.9	TAL Antimony	EPA 7010
Nickel - Total	SM 3111B	TAL Arsenic	EPA 7010
Nickel - Total	SM 3113 B	TAL Lead	EPA 7010
Nickel - Total	EPA 7000B	TAL Mercury	EPA 7470A
Non-Carbonate Hardness		TAL Mercury	EPA 7470A
P. Pollutants ICP - 200.7	EPA 200.7	TAL Mercury	EPA 7471A
P. Pollutants ICP - 6010 B	EPA 6010B	TAL Metals - ICP	EPA 6010B
P. Pollutants Antimony	EPA 7010	TAL Selenium	EPA 7010
P. Pollutants Arsenic	EPA 7010	TAL Thallium	EPA 7010
P. Pollutants Lead	EPA 7010	TCLP - Arsenic	EPA 7010
P. Pollutants Mercury	EPA 7471A	TCLP - Barium	EPA 7000B
P. Pollutants Mercury 245.1	EPA 245.1	TCLP - Cadmium	EPA 7010
P. Pollutants Selenium	EPA 7010	TCLP - Cadmium	EPA 7000B
P. Pollutants Thallium	EPA 7010	TCLP - Chromium	EPA 7000B
Potassium - Dissolved	EPA 7000B	TCLP - Chromium	EPA 7010
Potassium - Total	SM 3111B	TCLP - ICP 6010 B	EPA 6010 B
Potassium - Total	EPA 7000B	TCLP - ICP 6010D	EPA 6010D
Residual Sodium Carbonate		TCLP - Lead	EPA 7010
SPLP - Antimony	EPA 7010	TCLP - Nickel	EPA 6010 B

# Test Name & Methods by Analysis Group



TCLP - Nickel	EPA 7000B
TCLP - Selenium	EPA 7010
TCLP - Silver	EPA 7000B
TCLP ICP- Non-RCRA	EPA 6010 B
TCLP Mercury	EPA 1631E
TCLP Mercury	EPA 7470 A
Thallium - Dissolved	EPA 200.9
Thallium - Dissolved	EPA 7000B
Thallium - Dissolved	EPA 7010
Thallium - Total	EPA 7010
Thallium - Total	EPA 7000B
Thallium - Total	EPA 200.9
Thallium - Total	SM 3111B
Tin - Dissolved	EPA 200.9
Tin - Dissolved	SM 3113B
Tin - Total	EPA 200.9
Tin - Total	SM 3113B
Vanadium - Dissolved	EPA 7000B
Vanadium - Total	EPA 7000B
Vanadium - Total	SM 3111D
Zinc - Dissolved	EPA 7000B
Zinc - Total	EPA 7000B
Zinc - Total	SM 3111B

## Analytical Group: Microbiology

Aerobic Plate Count	AOAC 990.12	E.coli-MTF - DW	SM 9221 B/E/F
Aerobic Plate Count	Petrifilm Plates	E.coli-MTF - WW	SM 9221 B/E/F
Aeromonas	EPA 1605	Enterococcus Membrane Filtrati	EPA 1600 SOP MB-06
Coliform Count	Petrifilm Plates	Escherichia coli	SM 9260 F
Coliform Fecal	SM 9221 B/E	Examination of Activated Sludge	Microscopy
Coliform Total - EC - DW	SM 9223 B	Fecal Coliform-MF-DW	SM 9222 D
Coliform Total - EC - DW 18 Hours	SM 9223 B	Fecal Coliform-MF-WW	SM 9222 D
Coliform Total - EC - DW Colitag	SM 9223 B	Fecal Coliform-MTF-DW	SM 9221 E
Coliform Total - EC / QT- MPN	SM 9223 B	Fecal Coliform-MTF-WW	SM 9221 E
Coliform Total / Fecal	SM 9221 B/E	Fecal Enterococcus MF	SM 9230 C
Coliform Total / Fecal - Food	SM 9221 B/E	Fecal Enterococcus-MTF	SM 9230 B
Coliform Total / Fecal MF / MZ	SM 9222 B/D	Fecal Streptococcus MF / MZ	SM 9230 C
Coliform Total /Fecal MF-WW	SM 9222 B/D	Fecal Streptococcus-MTF	SM 9230 B
Coliform Total /Fecal MTF-DW	SM 9221 B/E	Heterotrophic Bacterias	SM 9215 B
Coliform Total /Fecal MTF-WW	SM 9221 B/E	Heterotrophic Method	Heterotrophic Plate Cou
Coliform Total MF - DW	SM 9222 B	Identification Microorganisms	SOP MB-035
Coliform Total MF - DW	SM 9222 B	Iron Bacteria	BART Test
Coliform Total-MF-WW	SM 9222 B	Legionella	SM 9260 J
Coliform Total-MTF-DW	SM 9221 B	Legionella F/A	SM 9260 J
Coliform Total-MTF-WW	SM 9221 B	Legionella SG	SM 9260 J
ColiformTotal/Fecal/E.coli MTF	SM 9221 B/E/F	Listeria	Petrifilm Plates
E. coli MF DW	SM 9222 G	Media Fill Test Kit	USP 797

# Test Name & Methods by Analysis Group



Membrane Filter Method	SM 9215 D
Microbiological Density of Air	SOP MB-037
Microorganisms Count	USP 797
Microorganisms Isolation	SOPS MB035/049
Microscopic Particulate Analysis-MPA	EPA-MPA
Petriefilm Environmental	Petriefilm Plate
Plate Count at 22 ° C	SM 9215 B
Plate Count at 37 ° C	SM 9215 B
Pseudomona aeruginosa	SM 9213 F
Pseudomona aeruginosa USP	USP XXIII <61>
Rinse Method	SM 9215 B
Rinse Method Coliforms	SM 9215 B
Rinse Method Yeast & Mold	SM Dairy Prod. Ed. 17,
Salmonella	Petriefilm Plates
Salmonella	EPA 1682
Salmonella	SM 9260 B
Salmonella MPN	SM9260 D
Staphylococcus aureus	SM 9213 B
Staphylococcus aureus - USP	USP 29 <61>
Suitability Test	SM 9020 B
Sulfate Bacteria	BART Test
Swab Method	SM 9215 B
Total Aerobic Microbial Count	SOP MB-007
Total Anaerobic Microbial Count	SOP MB-007
Total Bacteria Count	SM 9610B
Total Combined Molds and Yeast Count	USP XXIII <61>
Total Fungi Count - Air	SOP MB-027
Total Viable Count	SM 9215 B
Total coliforms / E. coli	EPA 1604
USP - H P C	SOP MB 007
Yeast & Mold	SM 9610 B
Yeast & Mold	Petriefilm Plates
Yeast & Mold HPC	USP XXIII <61>

## Analytical Group: Organic

AF / EPA 8260B DAI	EPA 8260B	EPA 508 SVOC - REG	EPA 508
AF / EPA 8270C	EPA 8270C	EPA 515.1 SVOC	EPA 515.1
ENDOTHALL	EPA 548.1	EPA 515.1 SVOC - REG	EPA 515.1
EPA 1624	EPA 1624	EPA 524.2 VOC	EPA 524.2
EPA 1666 DAI	EPA 1666	EPA 524.2 EFFLUENT	EPA 524.2
EPA 1666 P&T	EPA 1666	EPA 524.2 THM VOC	EPA 524.2
EPA 1671	EPA 1671	EPA 524.2 VOC - REG	EPA 524.2
EPA 502.2 THM	EPA 502.2	EPA 525.2 SVOC	EPA 525.2
EPA 502.2 VOC	EPA 502.2	EPA 525.2 SVOC - REG	EPA 525.2
EPA 504.1 SVOC	EPA 504.1	EPA 528	EPA 528
EPA 508 - REG DW	EPA 508	EPA 531.1	EPA 531.1
EPA 508 SVOC	EPA 508	EPA 547	EPA 547

# Test Name & Methods by Analysis Group



EPA 549.2	EPA 549.2	EPA 8260B TIC	EPA 8260B
EPA 552.2 HAA	EPA 552.2/SM 5710 C	EPA 8260B VOC	EPA 8260B
EPA 601 VOC	EPA 601	EPA 8260B VOC EN CORE	EPA 8260B
EPA 602 VOC	EPA 602	EPA 8260B VOC T HANDLE	EPA 8260B
EPA 608 PCB	EPA 608	EPA 8260C VOC EXT	EPA 8260C
EPA 608 PESTICIDES/PCB	EPA 608	EPA 8260C VOC SIM	EPA 8260C
EPA 608 SVOC	EPA 608	EPA 8270C /HAPs	EPA 8270C
EPA 608.3 PCB	EPA 608.3	EPA 8270C EXT	EPA 8270C
EPA 608.3 PESTICIDES/PCB	EPA 608.3	EPA 8270C SVOC	EPA 8270C
EPA 608.3 SVOC	EPA 608.3	EPA 8270C SVOC SIM	EPA 8270C
EPA 615 SVOC	EPA 615	EPA 8270C TIC	EPA 8270C
EPA 624 EFFLUENT	EPA 624	EPA 8270D SVOC EXT	EPA 8270D
EPA 624 VOC	EPA 624	FOOD PRESERVATIVES	EPA 8270C
EPA 624 VOC EXT	EPA 624	HAA5 POTENTIAL	SM 5710 D
EPA 624.1 EFFLUENT	EPA 624.1	HAA5 POTENTIAL, FINAL	EPA 552.2/SM 5710 D
EPA 624.1 VOC	EPA 624.1	HAA5 POTENTIAL, INITIAL	EPA 552.2/SM 5710 D
EPA 624.1 VOC EXT	EPA 624.1	PAH SVOC BY EPA 8270C	EPA 8270C
EPA 625 .1 SVOC	EPA 625	PAH SVOC BY EPA 8270D	EPA 8270D
EPA 625 .1 SVOC	EPA 625.1	PHENOL BY GC EPA 625	EPA 625
EPA 625 SVOC EXT	EPA 625	PHENOL BY GC EPA 625.1	EPA 625.1
EPA 625.1 SVOC EXT	EPA 625.1	PHENOLS BY GC EPA 8270C	EPA 8270C
EPA 625.1 SVOC SIM	EPA 625.1	PP / EPA 624 VOC	EPA 624
EPA 8011 SVOC	EPA 8011	PP / EPA 624.1 VOC	EPA 624.1
EPA 8015 SOLVENT SCAN HIGH	EPA 8015	PP / EPA 625 SVOC	EPA 625
EPA 8015B GRO ENCORE	EPA 8015B	PP / EPA 625.1 SVOC	EPA 625.1
EPA 8015B GRO P&T	EPA 8015B	PP / EPA 608 PCB	EPA 608
EPA 8015B SOLVENT SCAN	EPA 8015B	PP / EPA 608 PESTICIDES	EPA 608
EPA 8015B TPH	EPA 8015B	PP / EPA 608 PESTICIDES/PCB	EPA 608
EPA 8015B as TPH	EPA 8015B	PP / EPA 608.3 PCB	EPA 608.3
EPA 8015D	EPA 8015D	PP / EPA 608.3 PESTICIDES	EPA 608.3
EPA 8015D GRO P&T	EPA 8015D	PP / EPA 608.3 PESTICIDES/PCB	EPA 608.3
EPA 8015D TPH	EPA 8015D	PP / EPA 8081A PESTICIDES	EPA 8081A
EPA 8015M TPH	EPA 8015M	PP / EPA 8081B PESTICIDES	EPA 8081B
EPA 8021 BTEX ENCORE	EPA 8021B	PP / EPA 8082 PCB	EPA 8082
EPA 8021B BTEX VOC	EPA 8021B	PP / EPA 8260B VOC	EPA 8260B
EPA 8021B BTEX T HANDLE	EPA 8021B	PP / EPA 8270C SVOC	EPA 8270C
EPA 8021B VOC	EPA 8021B	PP / PHENOL BY GC EPA 625.1	EPA 625.1
EPA 8021B VOC T HANDLE	EPA 8021B	Pharmaceutical and Personal Care Products	EPA 8270C
EPA 8081A SVOC	EPA 8081A	Pharmaceutical and Personal Care Products	EPA 8260B
EPA 8081A SVOC / MZ	EPA 8081A	SDS - HAA5	SM 5710 C
EPA 8081B SVOC	EPA 8081B	SDS - HAA5 FINAL	EPA 552.2/SM 5710 C
EPA 8082 PCB	EPA 8082	SDS - HAA5 INITIAL	EPA 552.2/SM 5710 C
EPA 8082 PCB-Congener	EPA 8082	SDS - THM	SM 5710 C
EPA 8082 PCB/SONICATOR	EPA 8082	SDS - THM FINAL	EPA 524.2/SM 5710 C
EPA 8082 PCB/SOXHLET	EPA 8082	SDS - THM INITIAL	EPA 524.2/SM 5710 C
EPA 8151A SVOC	EPA 8151A	SPLP EPA 8260B	EPA 8260B
EPA 8151A SVOC/SOXHLET	EPA 8151A	SPLP EPA 8270C	EPA 8270C
EPA 8260 DAI	EPA 8260 DAI	TCL 8081A PESTICIDES	EPA 8081A
EPA 8260B BTEX VOC	EPA 8260B	TCL 8081B PESTICIDES	EPA 8081B
EPA 8260B EXT	EPA 8260B	TCL 8082 PCB SVOC	EPA 8082

# Test Name & Methods by Analysis Group



TCL 8082A PCB SVOC	EPA 8082A
TCL 8260B VOC	EPA 8260B
TCL 8270C SVOC	EPA 8270C
TCLP VOC EPA 8260B	EPA 8260B
TCLP VOC EPA 8260C	EPA 8260C
TCLP EPA 8081B	EPA 8081B
TCLP EPA 8260B DAI	EPA 8260B
TCLP HERBICIDES	EPA 8151A
TCLP NR VOC	EPA 8260B
TCLP PCB	EPA 8082
TCLP PESTICIDES	EPA 8081A
TCLP SEMIVOLATILES	EPA 8270C
TCLP SVOC EPA 8270D	EPA 8270D
TCLP VOC EPA 8021B	EPA 8021B
THM FORMATION POTENTIAL	SM 5710 B
THM POTENTIAL FINAL	EPA 524.2/SM 5710 B
THM POTENTIAL INITIAL	EPA 524.2/SM 5710 B
TNRCC 1005 TPH	TNRCC Method 1005 F
TNRCC 1006 TPH	TNRCC Method 1006
TTO 608 PCB	EPA 608
TTO 608 PESTICIDES	EPA 608
TTO 608 PESTICIDES/PCB	EPA 608
TTO 608.3 PCB	EPA 608.3
TTO 608.3 PESTICIDES	EPA 608.3
TTO 608.3 PESTICIDES/PCB	EPA 608.3
TTO 624 VOC	EPA 624
TTO 624.1 VOC	EPA 624.1
TTO 625 SVOC	EPA 625
TTO 625.1 SVOC	EPA 625.1
UCMR 2 EPA 525.2	EPA 525.2
UCMR 2 EPA 527	EPA 527
UCMR 3 EPA 522	EPA 522
UCMR 3 EPA 524.3	EPA 524.3
UCMR 4 EPA 525.3	EPA 525.3
UCMR EPA 515.1	EPA 515.1
UCMR EPA 524.2	EPA 524.2
UCMR EPA 525.2	EPA 525.2
UCMR4 EPA 530	EPA 530
UCMR4 EPA 541	EPA 541
UCMR4 EPA 552.3	EPA 552.3
Volatile Fatty Acids	SM 5560 D

## Analytical Group: SUB-CONTRACTS

% SULFUR	ASTM D 4294	ACRYLAMIDE	L520-EEA
% SULFUR	ASTM D 5453	ACUTE MICROTOX	MICROTOX
ABSORBABLE ORGANIC HALIDES (A	SM5320 B	ACUTE TOXICITY	EPA-821-R-02-012
ACETONE	NIOSH 1300	ACUTE TOXICITY FRESH WATER	EPA 821-R-02-012

# Test Name & Methods by Analysis Group



ACUTE TOXICITY FRESH WATER PLU	EPA-821-R-02-012	Dioxins & Furans	SW 8290A
ACUTE TOXICITY SEA WATER	EPA-821-R-02-012	E. coli MTF-DW	SM 9221F
ALDEHYDES	EPA 8315A	ENDOTHALL	EPA 548.1
API GRAVITY	ASTM D-287	ENDOTOXIN	
ASBESTOS	EPA 93	ENTERIC VIRUS	ICR EPA/600/R-95/17
ASBESTOS	EPA 100.2	ENTERIC VIRUSES	ASTM D4994, EPA/6
ASBESTOS	ASTM D7521	ENTEROVIRUS	EPA 1615 Cell Culture
ASBESTOS	NIOSH 7402	EPA 1613 - Dioxin	EPA 1613
ASBESTOS	EPA 100.1	EPA 1613 - Dioxin (Turb<1NTU)	EPA 1613
ASBESTOS PCM	NIOSH 7400	EPA 1666 DAI	EPA 1666
ASH	ASTM D-482	EPA 200.7 ICP Dissolved Metals	EPA 200.7
ATTERBERG LIMITS	ASTM D 4318	EPA 200.7 ICP metals	EPA 200.7
Acidity Total #	ASTM D-664	EPA 200.8 ICP-MS	EPA 200.8
Alkylphenols & Alkylphenols Ethoxylates	ASTM D 7065	EPA 300.1	EPA 300.1
BACTERIAL ENDOTOXIN GEL		EPA 504.1	EPA 504.1
BACTERIAL ENDOTOXIN LAL		EPA 505 PCB	EPA 505
BENZENE	NIOSH 1500	EPA 505 PESTICIDES	EPA 505
BHT	EPA 8270C	EPA 507	EPA 507
BIOCHEMICAL OXYGEN DEMAND	SM 5210B	EPA 508 SVOC	EPA 508
BORON-TOTAL	EPA 200.7	EPA 515.1 SVOC	EPA 515.1
BROMATE	EPA 300.1	EPA 515.3 SVOC - REG	EPA 515.3
BULK DENSITY	ASTM 2937	EPA 524.2 THM VOC	EPA 524.2
CARBAMATES	EPA 531.1	EPA 524.2 VOC	EPA 524.2
CARBAMATES	EPA 632	EPA 525.2 - REG	EPA 525.2
CARBAMATES	EPA 8318	EPA 525.2 EXT	EPA 525.2
CERIUM	EPA 6020	EPA 525.2 SVOC	EPA 525.2
CHLORAMINES	SM 4500-CLO2-D	EPA 552.2	EPA 552.2/SM 5710 C
CHLORATE	EPA 300.0	EPA 6010B	EPA 6010B
CHLORIDE- DW	EPA 300.0	EPA 608 Pesticides/PCB	EPA 608
CHLORINE DIOXIDE	4500-CL02-D	EPA 613 - Dioxin	EPA 613
CHLORITE	EPA 300.0B	EPA 624 VOC	EPA 624
CHRONIC TOXICITY 7 DAYS	EPA-821-R-02-014	EPA 625 .1 SVOC	EPA 625
COLIFORM TOTAL - EC / QT- MPN	SM 9223 B	EPA 8015B VOC	EPA 8015B
COLIFORM TOTAL MTF	SM 9222 B	EPA 8021B BTEX	EPA 8021B
COMBINED RADIUM	Calculation	EPA 8021B BTEX VOC	EPA 8021B
COMPATIBILITY (SPOT TEST)	ASTM D-4740	EPA 8141A/PESTICIDES	EPA 8141A
CORROSIVITY TOWARD STEEL	SW846-1110A	EPA 8260B	EPA 8260B
CRYPTOSPORIDIUM	EPA 1623.1	EPA 8270C SVOC	EPA 8270C
CRYPTOSPORIDIUM	EPA 1623.1	EPA 8270D SVOC	EPA 8270D
CRYPTOSPORIDIUM	EPA 1623.1	ESCHERICHIA COLI	SM 9223 B
CRYPTOSPORIDIUM / GIARDIA	EPA 1623.1	ETHANOL	NIOSH 1400
CRYPTOSPORIDIUM / GIARDIA	EPA 1623.1	EXTRACTABLE ORGANIC HALIDES	EPA 9023
CRYPTOSPORIDIUM-MS	EPA 1623.1	FECAL COLIFORM-MF-WW	SM 9222 D
CYANIDE	SM 4500 CN-E	FECAL COLIFORM-MTF-WW	SM 9221 E
CYANOBACTERIA	SM 10200	FECAL ENTEROCOCCUS	EPA 1600
CYCLOSPORA	EPA 600R95178 Mod.	FIBERS	NIOSH 7400
Coliform Total / Fecal MTF-DW	SM 9221B/E	FLUORINE	SW-5050 / 9056
Coliform Total / Fecal MTF-WW	SM 9221B/E	FORM OF SULFUR	ASTM D2492
DICHLOROMETHANE	NIOSH 1005	FORMALDEHYDE	EPA 8315
DIQUAT	EPA 549.2	FORMALDEHYDE	N3500 M

# Test Name & Methods by Analysis Group



FORMALDEHYDE	NIOSH 2502	PESTICIDES BY LC-MS	L300
FUNGI IDENT AND TOTAL COUNT		PESTICIDES EXT	EPA 525.2
FUSION TEMP OF ASH 4 POINT	ASTM D1857	PESTICIDES EXT II	EPA 525.2
FUSION TEMP OF ASH 8 POINT	ASTM D1857	PESTICIDES TURFGRASS	L300
Fecal Enterococcus	SM 9230 B	PP/EPA 608 Pesticides/PCB	EPA 608
GAMMA SPEC PHOTON EMITERS	EPA 901.1	PP/EPA 624 VOC	EPA 624
GEOSMIN AND MIB	SM 6040D	PP/EPA 625 SVOC	EPA 625
GIARDIA	EPA 1623.1	PROCTOR TEST (COMPACTABILITY)	ASTM D698
GIARDIA LAMBLIA	EPA 1623.1	PROPANYL	EPA 556
GLYPHOSATE	EPA 547	PROXIMATE ANALYSIS	ASTM D5142
GRAIN SIZE / SIEVE ANALYSIS	ASTM D 422-63	Perfluorinated Chemicals	LCP-PFC
GRAIN SIZE / SIEVE ANALYSIS	ASTM D6913	Pseudomona Aeruginosa	SM 9213F
GROSS ALPHA / GROSS BETA	SM 7110B	RADIUM 226	SM 7500-Ra B
GROSS ALPHA/GROSS BETA	EPA 900.0	RADIUM 228	SM 7500-Ra D
HARDGROVE GRINDABILITY	ASTM D409	RADON 222	SM 7500-Rn B
HEAT OF COMBUSTION	ASTM D-4868	Radium 226	EPA 903.1
HEAT OF COMBUSTION	ASTM D-240-87	Radium 228	EPA 904.0
HEXANE	NIOSH 1500	Radon 222	EPA/600/2-87/082
Heterotrophic Bacterias	SM 9215 B	SALICYLIC ACID	SOP BF-MB-008
ICP Total Metals 6010 B	EPA 6010 B	SALMONELLA	EPA 9260 D
ICP Total Metals 6020	EPA 6020	SILICA BY XRD	NIOSH 7500
IDENTIFICATION BACTERIAS	PCR	SOIL CLASSIFICATION	ASTM D3282
IDENTIFICATION BACTERIAS	BIOCHEMICAL REA	SOIL COMPACTION	ASTM D7380
IDENTIFICATION YEAST & MOLD	MICROSCOPIC IDEN	STRONTIUM-90	SM 7500-Sr B
IDENTIFICATION YEAST & MOLD	PCR	STRONTIUM-90	EPA 905.0
ISOBUTYL ALCOHOL	NIOSH 1401	SULFUR	ASTM D 129
ISOPROPYL ALCOHOL	NIOSH 1400	SULFUR - TOTAL	EPA 6010
Isotopic Uranium	EPA 907.0	TARE WEIGHT	40 CFR 60 METHOD 5
LEAD	NIOSH 7082	TCLP MERCURY	EPA 7470 A
LEGIONELLA	SM 9260 J	TCLP VOC EPA 8260B	EPA 8260B
LIQUID / PLASTIC LIMIT	ASTM D4318	TOLUENE	NIOSH 1500
LISTERIA	US FDA BAMManual	TOTAL AEROBIC MICROBIAL COUNT	SOP MB 007
Limulus Amebocyte Lysate	ASI-SOP	TOTAL KJELDAHL NITROGEN	SM 4500 N-D
MERCURY	EPA 7470 A	TOTAL ORGANIC HALIDES	EPA 9020B
MERCURY	EPA 7471 A	TOTAL RESIDUAL CHLORINE	EPA 330.5
MERCURY	EPA 245.1	TRIBUTYLTIN	Unger, Krone Et al.
MERCURY BY FLUORESCENCE	EPA 1631E	TRITIUM	EPA 906.0
METHANE	EPA 8015 M	TTO 608 Pesticides/PCB	EPA 608
METHANOL	NIOSH 2000	TTO 624 VOC	EPA 624
METHYL MERCAPTAN	EPA 8260B	TTO 625 SVOC	EPA 625
MICROSCOPIC PARTICULATE ANALY	EPA 910/9-92-029	TURBIDITY	EPA 180.1
MINERAL ANALYSIS OF ASH	ASTM D3682	UCMR 2 EPA 521	EPA 521
MINERAL OIL MIST	NIOSH 5026	UCMR 2 EPA 529	EPA 529
NITRATE	EPA 353.2	UCMR 2 EPA 535	EPA 535
NITRITE	EPA 353.2	UCMR 3 EPA 200.8	EPA 200.8
O P PESTICIDES	ALS SOP	UCMR 3 EPA 218.7	EPA 218.7
Organotin Compounds	ISO 17353	UCMR 3 EPA 524.3	EPA 524.3
PAH by HPLC/EPA 8310	EPA 8310	UCMR 3 EPA 537	EPA 537
PARTICLE COUNT		UCMR 3 EPA 539	EPA 539
PBDEs Polybromodiphenyl Ethers	EPA 8270 D	UCMR 4 EPA 200.8	EPA 200.8



# Test Name & Methods by Analysis Group



UCMR 4 EPA 544	EPA 544
UCMR 4 EPA 545	EPA 545
UCMR-PERCHLORATE	EPA 314.0
UL S150	S 150
ULTIMATE ANALYSIS	ASTM D5373
URANIUM	ASTM D5174-97
URANIUM	EPA 200.8
URANIUM	EPA 908.1
Uranium - Total	EPA 6020
VACUUM DISTILLATION	ASTM D-1160
VIABLE HELMINTH OVA	SM 10200
VIBRIO CHOLERAEE	SM 9260 H
VIRUSES	ICC/PCR
VISCOSITY - KINEMATIC	ASTM D-445
VOLATILE COMPOUNDS IN AIR	TO - 15
VOLATILE FATTY ACIDS	SM 5560M
VOLATILE ORGANICS by GC/MS	TO-14A
WATER AND SEDIMENT	ASTM D-95
WATER CONTENT	
WATER SOLUBLE ALKALIS	ASME Method
YERSINIA	SM 9260 K
YSI MULTISENSOR SONDE	Field Instrument
pH	EPA 150.1

## Analytical Group: Wet Chemistry

API Gravity @ 60 °F	ASTM D4052	Benzoic acid	SOP WC-101
Acetic Acid	SM 4500 H B	Bio-mass	SOP Merck
Acidity (as acetic acid)	ASTM D1613	Biochemical Oxygen Demand - U	SM 5210 B
Acidity (asCaCO3) SM	SM 2310 B	Biochemical Oxygen Demand - so	SM 5210 B
Acidity or Alkalinity	ASTM D 1067	Biochemical Oxygen Demand SM	SM 5210 B
Alcohol by Volume @ 60°F	AOAC 982.10	Biodegradable COD - bCOD	EPA 410.4
Alkalinity	EPA 310.2	Boiling Point	ASTM D 1078
Alkalinity	SM 2320 B	Boiling Range	ASTM D 1078
Ammonia	SM 4500-NH3 D	Brix at 20 °C	Refractometer
Ammonia	EPA 350.1	Bromide	EPA 320.1
Ammonia - Ammonium Ratio	SM 4500-NH3 D & C	Bromine Content	SW846-9056A
Ammonia - soluble	SM 4500-NH3 D	C Biochemical Oxygen Demand	SM 5210 B
Ammonia - soluble	EPA 350.1	Carbon Dioxide	SM 4500 CO2 D
Ammonium Sulfate	ACS Part 4	Carbon Dioxide - soluble	SM 4500 CO2 D
Anions - Total	SM 1030 E, 20 ed.	Chemical Oxygen Demand	EPA 410.4
Apparent Color Pt Co	SM 2120 B	Chemical Oxygen Demand - solub	EPA 410.4
Appearance	SM 2110	Chloramines	SM 4500-CL-G
Ash	ASTM D482	Chloride	ASTM C114
Ash	SM 2540 E	Chloride	EPA 325.3
Ash - %	SM 2540 G	Chloride	ASTM C114/ C1218
Assay	USP	Chloride	ASTM C 1152
Basicity	AWWA B408-03	Chloride	SM 4500 Cl E

# Test Name & Methods by Analysis Group



Chloride	SM 4500 Cl B	Fixed Solids-Ash	EPA 160.4
Chloride	SM 4500 Cl D	Fixed Suspended Solids	SM 2540E
Chloride as CaCO <sub>3</sub>	Calculation	Fixed Suspended Solids	EPA 160.4
Chloride/Bromide Ratio	Calculation	Flash Point	EPA 1010
Chlorinated Nitrate	EPA 300.0 A	Flavor	SM2160B
Chlorine Content	SW846-9056A	Fluoride	SM 4500 F C
Chlorine Demand	SM 2350 B	Foaming Agents	SM 5540 C
Chlorine Dioxide	SM 4500-CLO2-D	Foaming Agents - Soluble	SM 5540 C
Chlorine by Bomb Method	ASTM D-808	Free Chlorine SM	SM 4500 Cl G
Chlorophyll	SM 10200 H	Free Cyanide	EPA 9016
Chromium Trivalent	Calculation	Free Cyanide	ASTM D 4282-02
Chromium Trivalent - soluble	Calculation	Free Fatty Acids	ASTM D 5555
Chromium VI - soluble	SM 3500 Cr B	Gross Heat of Combustion	ASTM D 240
Chromium VI - soluble	SM 3500 CRD	Humidity	ASTM D-2974
Chromium VI, Total	EPA 7196A	Hydrogen Sulfide Undissociated	SM 4500 S H
Chromium VI, Total	SM 3500 Cr B	Hydrolysable Biodegradable COD	EPA 410.4
Color ADMI	SM 2120 E	Ignitability	ASTM D93-79
Color ADMI	EPA 110.1	Ignitability	EPA 1030
Color Pt Co - soluble	SM 2120 B	Ignitability	EPA 1010
Color Pt Co SM	SM 2120 B	Ignitability	40CFR261.21
Corrosivity Index	SM 2330 B	Inert COD - iCOD	EPA 410.4
Corrosivity Toward Steel	EPA 1110A	Inorganic Anions Content	EPA 9056
Corrosivity pH	EPA 9040C	Iodide	EPA 320.1
Corrosivity, pH (RCRA)	EPA 9045C	Iodine Content	EPA 320.1
Cyanide - Amenable	EPA 9012B	Iron - Ferrous	SM 3500 Fe B
Cyanide - Amenable	SM 4500 CN-G	Langelier Index	SM 2330 B
Cyanide - Total	EPA 9013/9012A	Nitrate	EPA 9210
Cyanide - Total	EPA 335.4	Nitrate	EPA 353.2
Cyanide - Total	EPA 9010B/9014	Nitrate + Nitrite	EPA 353.2
Cyanide - Total	EPA 335.4	Nitrate - soluble	EPA 353.2
Cyanide - Total	EPA 9012B	Nitrate Chlorinated	EPA 300.1 A
Cyanide - Total / MZ	EPA 335.4	Nitrate Chlorinated	EPA 353.2
Cyanide - soluble	EPA 335.4	Nitrate and Nitrite - soluble	EPA 353.2
Cyanide, Weak Acid Dissociable	SM 4500 CN-I	Nitrate as CaCO <sub>3</sub>	Calculation
Cyanuric Acid	HACH 8139	Nitrite	EPA 353.2
Density	ASTM D 5057	Nitrite - soluble	EPA 353.2
Density	ASTM D 1298	Non-Filterable Residue (TSS) S	SM 2540 D
Density @ 20 °C	ASTM D 4052	Non-Polar Material (SGT-HEM)	EPA 1664 A
Density @ 25 °C	ASTM D 4052	Nonvolatile Matter	ASTM D 1353 - 03
Density at 20°C	ASTM D 1298	Odor	Organoleptic
Density at 25°C	SOP-CHEM. 009	Odor SM	SM 2150 B
Dissolved Oxygen	SM 4500-O G	Oil and Grease (HEM) Solid - H	EPA 9071B
Dissolved Oxygen	SM 4500-O C	Oil and Grease (HEM) Solid - L	EPA 9071B
EPA 300.0 A	EPA 300.0 A	Oil and Grease (hexane)	EPA 1664 A
EPA 300.1 A	EPA 300.1	Oil and Grease Extraction	EPA 9071A
EPA 300.1 B	EPA 300.1	Organic Matter	ASTM 2974
EPA 300.1 NO <sub>2</sub> , NO <sub>3</sub> , OP	EPA 300.1	Organoleptic Tests	Organoleptic
Filterable Residue (TDS) SM	SM 2540 C	Orthophosphate - DR	SM 4500 P-E
Fixed Dissolved Solids	SM 2540E	Orthophosphate - soluble DR	SM 4500 P-E
Fixed Dissolved Solids	EPA 160.4	Orthophosphate - soluble NR	EPA 365.3

## Test Name & Methods by Analysis Group



Orthophosphate - soluble R	EPA 365.1	Sulfide	SM 4500-S <sup>2</sup> -D
Orthophosphate NR	EPA 365.3	Sulfide - Extractable	SW 9031
Orthophosphate R	EPA 365.1	Sulfide - soluble	SM 4500-S <sup>2</sup> -D
Oxidation-Reduction Potential	SM 2580 B	Sulfide-Titration	SW9030B
Oxidizable Substances	USP 23	Sulfite	SM 4500 SO <sub>3</sub> B
P. Pollutants - Cyanide	EPA 335.4	Sulfur	ASTM D 129
P. Pollutants - Phenolics	EPA 9066 A	Surfactants	SM 5540 C
Paint Filter Test	EPA9095A	Surfactants - soluble	SM 5540 C
Particulate inert COD - piCOD	EPA 410.4	TKN - soluble	EPA 351.2
Pharmaceutical and Personal Care Products	SOP WC-101	TOC Soluble Filtered	SM 5310 C
Phenolics - Total	EPA 9066 A	TOC Soluble Filtered	EPA 415.1
Phenolics - Total	EPA 420.4	Taste	SM 2160 B
Phosphorus - soluble	EPA 365.3	Taste	Organoleptic
Phosphorus - soluble	SM 4500-P A,B,E	Temperature	SM 2550 B
Readily biodegradable COD - rbCOD	EPA 410.4	Temperature	EPA 170.1
Refractive Index @ 20 °C	USP 831	Temperature DW	SM 2550 B
Refractive Index @ 25 °C	USP 831	Total Carbon	EPA 415.2
Releasable Cyanide	SW 846-9014	Total Carbon	SM 5310 C
Releasable Cyanide	SW 846 - 7.3.3	Total Fixed Solids, %	SM 2540 G
Releasable Sulfide	SW 846-9034	Total Halides	ASTM D 808
Releasable Sulfide	SW 846 - 7.3.4	Total Inorganic Carbon	EPA 415.1
Residue After Evaporation	SOP-CHEM. 007	Total Inorganic Carbon	SM 5310 C
SPLP - Cyanide	EPA 9012A	Total Inorganic Nitrogen	SM 4500 N
SUVA - 254	FR vol. 63 #241	Total Kjeldahl Nitrogen (TKN)	EPA 351.2
Salinity	SM 2520 B	Total Nitrogen	SM 4500-N
Settleable Solids Gravimetric	SM 2540 F	Total Nitrogen (TKN-NO <sub>2</sub> -NO <sub>3</sub> )	SM 4500 N
Settleable Solids Volumetric	EPA 160.5	Total Nitrogen Soluble	Calculation
Settleable Solids Volumetric	SM 2540 F	Total Organic Carbon	EPA 415.1
Silica	EPA 370.1	Total Organic Carbon	SM 5310 C
Silica - soluble	EPA 370.1	Total Organic Carbon	EPA 9060
Silt Density Index	ASTM D 4189	Total Organic Carbon Soluble	EPA 415.1
Slowly biodegradable COD - sbCOD	EPA 410.4	Total Organic Carbon Soluble	SM 5310 C
Sodium Hypochlorite	ASTM D2022-89	Total Organic Halides	ASTM D 808
Soil pH	EPA 9045C	Total Organic Nitrogen	EPA 351.2
Solubility in Water	ACS Specifications	Total Petroleum Hydrocarbon	EPA 1664A
Soluble Salts	USDA Part 8	Total Petroleum Hydrocarbons	SM 5520 F
Soluble inert COD - siCOD	EPA 410.4	Total Petroleum Hydrocarbons	EPA 418.1
Specific Conductance	SM 2510 B	Total Phosphorus	SM 4500-P A,B,E
Specific Conductance	EPA 120.1	Total Phosphorus	EPA 365.3
Specific Conductance	USDA Part 8	Total Residual Chlorine	EPA 330.5
Specific Gravity @ 20 °C	ASTM D 4052	Total Residual Chlorine	SM 4500 Cl B,G
Specific Gravity @ 25 °C	ASTM D 4052	Total Residual Chlorine	SM 4500 Cl B,G
Specific Gravity @ 60 °F	ASTM D 4052	Total Solids	SM 2540 B
Specific Resistance	SM 2510 B	Total Solids - %	SM 2540G
Substances Reducing KMnO <sub>4</sub>	ACS Specifications	Total Sulfur	ASTM D 3177
Sulfate	EPA 9038 A	Total Volatile Solids, %	SM 2540 G
Sulfate	SM 4500 SO <sub>4</sub> -E	Turbidity	SM 2130 B
Sulfate	ASTM D 516-90,02	Turbidity	EPA 180.1
Sulfate PW	SM 4500 SO <sub>4</sub> E	UCMR 4 EPA 546	EPA 546
Sulfate as CaCO <sub>3</sub>	Calculation	UV Transmittance @ 254-soluble	SM 5910 B

## Test Name & Methods by Analysis Group



Ultraviolet Absorption UV 254	SM 5910 B
Ultraviolet Transmittance @ 254	SM 5910 B
Viscosity	ASTM 445
Viscosity at 100°C	ASTM 445
Viscosity at 40°C	ASTM 445
Volatile Dissolved Solids	EPA 160.4
Volatile Dissolved Solids	SM 2540 E
Volatile Suspended Solids	EPA 160.4
Volatile Suspended Solids	SM 2540 E
Volatile Total Solids	SM 2540 E
Volatile Total Solids	EPA 160.4
Water Balance	SM 2330 B
Water Content	ASTM D 1364
pH	AOAC 943.02
pH	SM 4500 H B
pH	EPA 150.1
pH of Construction Material	ASTM C25
pH of Saturation	SM 2330 B