

Test Name & Methods by Analysis Group



Analytical Group: Metals

<u>ANALYSIS TYPE</u>	<u>METHOD</u>		
Aluminum - Dissolved	EPA 7000B	Cadmium - Total	SM 3111B
Aluminum - Dissolved	EPA 202.1	Cadmium - Total	EPA 213.2
Aluminum - Total	EPA 202.1	Cadmium - Total	SM 3113B
Aluminum - Total	EPA 7000B	Cadmium - Total Sea Water	EPA 200.9
Aluminum - Total	SM 3111D	Cadmium - Total Sea Water	EPA 7010
Aluminum %	USP 29	Calcium - Dissolved	EPA 7000B
Aluminum Oxide	AWWA B408-03	Calcium - Dissolved	EPA 215.1
Antimony - Dissolved	EPA 200.9	Calcium - Total	EPA 215.1
Antimony - Dissolved	EPA 7010	Calcium - Total	EPA 7000B
Antimony - Dissolved	EPA 204.2	Calcium - Total	SM 3111B
Antimony - Dissolved	SM 3113B	Calcium Hardness	EPA 215.1
Antimony - Total	EPA 7010	Calcium Hardness	SM 2340B
Antimony - Total	EPA 200.9	Calcium Hardness	SM 2340B
Antimony - Total	EPA 204.2	Calcium Hardness	EPA 200.7
Antimony - Total	SM 3113B	Cation-Exchange Capacity	SW846-9081
Arsenic - Dissolved	EPA 200.9	Cations - Total	SM 1030 E, 20 ed.
Arsenic - Dissolved	EPA 7010	Chromium - Dissolved	EPA 200.9
Arsenic - Dissolved	EPA 206.2	Chromium - Dissolved	EPA 218.2
Arsenic - Dissolved	SM 3113B	Chromium - Dissolved	SM 3113B
Arsenic - Total	EPA 7010	Chromium - Dissolved	EPA 218.1
Arsenic - Total	EPA 200.9	Chromium - Dissolved	EPA 7000B
Arsenic - Total	EPA 206.2	Chromium - Dissolved	EPA 7010
Arsenic - Total	SM 3113B	Chromium - Total	EPA 218.1
Arsenic - Total - L - Level	EPA 7010	Chromium - Total	EPA 200.9
Arsenic - Total - L - Level	EPA 206.3	Chromium - Total	SM 3111B
Arsenic Low Level - Total	SM 3113B	Chromium - Total	EPA 218.2
Arsenic Low Level - Total	EPA 200.9	Chromium - Total	SM 3113B
Barium - Dissolved	EPA 208.1	Chromium - Total	EPA 7010
Barium - Dissolved	EPA 7000B	Chromium - Total	EPA 7000B
Barium - Total	EPA 208.1	Cobalt - Dissolved	EPA 219.1
Barium - Total	EPA 7000B	Cobalt - Dissolved	EPA 7000B
Barium - Total	SM 3111D	Cobalt - Total	EPA 219.1
Beryllium - Dissolved	EPA 7000B	Cobalt - Total	EPA 7000B
Beryllium - Dissolved	EPA 210.1	Cobalt - Total	SM 3111B
Beryllium - Total	EPA 210.1	Copper - Dissolved	EPA 200.9
Beryllium - Total	SM 3113B	Copper - Dissolved	EPA 220.2
Beryllium - Total	EPA 200.9	Copper - Dissolved	SM 3113B
Beryllium - Total	SM 3111D	Copper - Dissolved	EPA 7010
Beryllium - Total	EPA 7000B	Copper - Dissolved	EPA 220.1
Cadmium - Dissolved	EPA 200.9	Copper - Dissolved	EPA 7000B
Cadmium - Dissolved	EPA 213.1	Copper - Total	EPA 7000B
Cadmium - Dissolved	EPA 7010	Copper - Total	EPA 220.1
Cadmium - Dissolved	EPA 7000B	Copper - Total	EPA 200.9
Cadmium - Dissolved	EPA 213.2	Copper - Total	SM 3111B
Cadmium - Dissolved	SM 3113B	Copper - Total	EPA 220.2
Cadmium - Dissolved Sea Water	EPA 200.9	Copper - Total	SM 3113B
Cadmium - Dissolved Sea Water	EPA 7010	Copper - Total	EPA 7010
Cadmium - Total	EPA 213.1	Furnace EPA 200.9 Dissolved	EPA 200.9
Cadmium - Total	EPA 7010	Furnace EPA 200.9 Total Metals	EPA 200.9
Cadmium - Total	EPA 200.9	Hardness - Total	SM 2340B
Cadmium - Total	EPA 7000B	ICP Dissolved Metals	EPA 6010B
		ICP Dissolved Metals	EPA 200.7
		ICP Dissolved Metals DW	EPA 200.7
		ICP Dissolved Metals Sea Water	EPA 6010B
		ICP Dissolved Metals Sea Water	EPA 200.7
		ICP Dissolved Metals SM	SM 3120 B
		ICP Total Metals	EPA 200.7

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ICP Total Metals	EPA 6010B	Nickel - Dissolved	SM 3113B
ICP Total Metals	EPA 6010C	Nickel - Dissolved	EPA 7000B
ICP Total Metals	EPA 6010D	Nickel - Dissolved	EPA 249.1
ICP Total Metals DW	EPA 200.7	Nickel - Dissolved	EPA 7010
ICP Total Metals Sea Water	EPA 200.7	Nickel - Dissolved	EPA 249.2
ICP Total Metals Sea Water	EPA 6010B	Nickel - Total	EPA 249.1
ICP Total Metals SM	SM 3120 B	Nickel - Total	EPA 7000B
Ionic Balance	SM 1030 E, 20 ed	Nickel - Total	EPA 200.9
Iron - Dissolved	EPA 236.1	Nickel - Total	SM 3111B
Iron - Dissolved	EPA 7000B	Nickel - Total	EPA 249.2
Iron - Ferric	SM 3500 Fe B	Nickel - Total	SM 3113 B
Iron - Total	EPA 7000B	Nickel - Total	EPA 7010
Iron - Total	EPA 236.1	Non-Carbonate Hardness	
Iron - Total	SM 3111B	P. Pollutants ICP - 200.7	EPA 200.7
Lead - Dissolved	EPA 200.9	P. Pollutants ICP - 6010 B	EPA 6010B
Lead - Dissolved	SM 3113B	P. Pollutants Antimony	EPA 7010
Lead - Dissolved	EPA 239.1	P. Pollutants Arsenic	EPA 7010
Lead - Dissolved	EPA 7000B	P. Pollutants Furnace	EPA 7000
Lead - Dissolved	EPA 7010	P. Pollutants Lead	EPA 7010
Lead - Dissolved	EPA 239.2	P. Pollutants Mercury	EPA 7471A
Lead - Total	EPA 239.1	P. Pollutants Mercury 245.1	EPA 245.1
Lead - Total	EPA 7000B	P. Pollutants Selenium	EPA 7010
Lead - Total	EPA 200.9	P. Pollutants Thallium	EPA 7010
Lead - Total	EPA 7010	Potassium - Dissolved	EPA 258.1
Lead - Total	SM 3111B	Potassium - Dissolved	EPA 7000B
Lead - Total	EPA 239.2	Potassium - Total	EPA 258.1
Lead - Total	SM 3113 B	Potassium - Total	EPA 7000B
Lead - Total	EPA 7421	Potassium - Total	SM 3111B
Lithium - Total	SM 3111B	Residual Sodium Carbonate	
Magnesium - Dissolved	EPA 242.1	Secondary DW ICP	EPA 200.7
Magnesium - Dissolved	EPA 7000B	Selenium - Dissolved	EPA 200.9
Magnesium - Total	EPA 242.1	Selenium - Dissolved	SM 3113B
Magnesium - Total	EPA 7000B	Selenium - Dissolved	EPA 7010
Magnesium - Total	SM 3111B	Selenium - Dissolved	EPA 270.2
Magnesium Hardness	SM 2340B	Selenium - Total	EPA 7010
Magnesium Hardness	EPA 200.7	Selenium - Total	EPA 200.9
Manganese - Dissolved	EPA 7000B	Selenium - Total	EPA 270.2
Manganese - Dissolved	EPA 243.1	Selenium - Total	SM 3113 B
Manganese - Total	EPA 7000B	Silica - Dissolved	EPA 200.7
Manganese - Total	SM 3111B	Silica - Dissolved	EPA 6010B
Manganese - Total	EPA 243.1	Silica - Total	EPA 200.7
Mercury - Dissolved	EPA 1631	Silica - Total	EPA 6010B
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 7470 A	Silver - Dissolved	EPA 200.9
Mercury - Total	EPA 7471A	Silver - Dissolved	EPA 7010
Mercury - Total	EPA 245.1	Silver - Dissolved	SM 3113B
Mercury - Total	EPA 1631E	Silver - Dissolved	EPA 272.1
Mercury in Sediment	EPA 245.5	Silver - Dissolved	EPA 7000B
Molybdenum - Dissolved	EPA 246.1	Silver - Dissolved	EPA 272.2
Molybdenum - Dissolved	EPA 7000B	Silver - Total	EPA 272.1
Molybdenum - Dissolved	SM 3113 B	Silver - Total	EPA 7000B
Molybdenum - Total	EPA 246.1	Silver - Total	EPA 200.9
Molybdenum - Total	EPA 7000B	Silver - Total	SM 3111B
Molybdenum - Total	SM 3111D	Silver - Total	EPA 272.2
Molybdenum - Total	SM 3113 B	Silver - Total	SM3113B
Nickel - Dissolved	EPA 200.9	Silver - Total	EPA 7010

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Sodium - Dissolved	EPA 7000B	Vanadium - Dissolved	EPA 286.1
Sodium - Dissolved	EPA 273.1	Vanadium - Total	EPA 286.1
Sodium - Dissolved	SM 3111 B	Vanadium - Total	SM 3111D
Sodium - Total	EPA 273.1	Vanadium - Total	EPA 7000B
Sodium - Total	EPA 7000B	Vanadium - Total	EPA 286.2
Sodium - Total	SM 3111 B	Vanadium - Total	EPA 7010
Sodium Absorption Ratio	USDA 5E	Zinc - Dissolved	EPA 289.1
Sodium Hardness	EPA 200.7	Zinc - Dissolved	EPA 7000B
SPLP - Antimony	EPA 7010	Zinc - Total	EPA 289.1
SPLP - Arsenic	EPA 7010	Zinc - Total	EPA 289.2
SPLP - ICP 6010B	EPA 6010B	Zinc - Total	SM 3111B
SPLP - Mercury	EPA 7470A	Zinc - Total	EPA 7000B
TAL Antimony	EPA 7010		
TAL Arsenic	EPA 7010		
TAL Lead	EPA 7010		
TAL Mercury	EPA 7470A		
TAL Mercury	EPA 7471A		
TAL Metals - Furnace	EPA 7000		
TAL Metals - ICP	EPA 6010B		
TAL Selenium	EPA 7010		
TAL Thallium	EPA 7010		
TAL Vanadium	EPA 7010		
TCLP - Arsenic	EPA 7010		
TCLP - Barium	EPA 7000B		
TCLP - Cadmium	EPA 7000B		
TCLP - Cadmium	EPA 7010		
TCLP - Chromium	EPA 7010		
TCLP - Chromium	EPA 7000B		
TCLP - ICP 6010 B	EPA 6010 B		
TCLP - ICP 6010D	EPA 6010D		
TCLP - Lead	EPA 7010		
TCLP - Nickel	EPA 7000B		
TCLP - Nickel	EPA 6010 B		
TCLP - Selenium	EPA 7010		
TCLP - Silver	EPA 7000B		
TCLP - Silver	EPA 7010		
TCLP ICP- Non-RCRA	EPA 6010 B		
TCLP Mercury	EPA 7470 A		
TCLP Mercury	EPA 1631E		
Thallium - Dissolved	EPA 200.9		
Thallium - Dissolved	EPA 279.1		
Thallium - Dissolved	EPA 7000B		
Thallium - Dissolved	EPA 7010		
Thallium - Total	EPA 7010		
Thallium - Total	EPA 200.9		
Thallium - Total	EPA 279.2		
Thallium - Total	SM 3111B		
Thallium - Total	EPA 279.1		
Thallium - Total	EPA 7000B		
Tin - Dissolved	EPA 200.9		
Tin - Dissolved	SM 3113B		
Tin - Dissolved	EPA 282.2		
Tin - Total	EPA 200.9		
Tin - Total	EPA 282.2		
Tin - Total	SM 3113B		
Vanadium - Dissolved	EPA 7000B		
Vanadium - Dissolved	EPA 286.2		

Test Name & Methods by Analysis Group



Analytical Group: Microbiology

<u>ANALYSIS TYPE</u>	<u>METHOD</u>	
Aerobic Plate Count	Petrifilm Plates	Rinse Method Yeast & Mold
Aeromonas	EPA 1605	Salmonella
Coliform Count	Petrifilm Plates	Salmonella
Coliform Fecal	SM 9221 B/E	Salmonella MPN
Coliform Total - EC - DW	SM 9223 B	Staphylococcus aureus
Coliform Total - EC - DW 18 Hours	SM 9223 B	Staphylococcus aureus - USP
Coliform Total - EC / QT- MPN	SM 9223 B	Suitability Test
Coliform Total / Fecal	SM 9221 B/E	Sulfate Bacteria
Coliform Total / Fecal - Food	SM 9221 B/E	Swab Method
Coliform Total / Fecal MF / MZ	SM 9222 B/D	Total Aerobic Microbial Count
Coliform Total / QT- MPN	SM 9223 B	Total Anaerobic Microbial Count
Coliform Total /Fecal MTF-DW	SM 9221 B/E	Total Bacteria Count
Coliform Total /Fecal MTF-WW	SM 9221 B/E	Total coliforms / E. coli
Coliform Total MF - DW	SM 9222 B	Total Combined Molds and Yeast Count
Coliform Total/Fecal MF-WW	SM 9222 B/D	Total Fungi Count - Air
Coliform Total-MF-WW	SM 9222 B	USP - H P C
Coliform Total-MTF-DW	SM 9221 B	Yeast & Mold
Coliform Total-MTF-WW	SM 9221 B	Yeast & Mold
ColiformTotal/Fecal/E.coli MTF	SM 9221 F	Yeast & Mold HPC
E.coli-MTF - DW	SM 9221 F	
E.coli-MTF - WW	SM 9221 F	
Enterococcus Membrane Filtrati	EPA 1600 SOP MB-067	
Escherichia coli	SM 9260 F	
Examination of Activated Sludge	Microscopy	
Fecal Coliform-MF-DW	SM 9222D	
Fecal Coliform-MF-WW	SM 9222 D	
Fecal Coliform-MTF-DW	SM 9221 E	
Fecal Coliform-MTF-WW	SM 9221 E	
Fecal Enterococcus MF	SM 9230 C	
Fecal Enterococcus MF / MZ	SM 9230 C	
Fecal Enterococcus-MTF	SM 9230 B	
Fecal Streptococcus-MTF	SM 9230 B	
Heterotrophic Bacterias	SM 9215 B	
Heterotrophic Method	Heterotrophic Plate Count	
Identification Microorganisms	SOPMB-035	
Iron Bacteria	BART Test	
Legionella	SM 9260 J	
Legionella F/A	SM 9260 J	
Legionella SG	SM 9260 J	
Listeria	Petrifilm Plates	
Membrane Filter Method	SM 9215 D	
Microbiological Density of Air	SOPMB-037	
Microorganisms Isolation	SOPS MB035/049	
Microscopic Particulate Analysis-MPA	EPA-MPA	
Petrifilm Environmental	Petrifilm 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><2021>	
Rinse Method	SM 9215 B	
Rinse Method Coliforms	SM Dairy Prod. Ed. 17, 1	

SM Dairy Prod. Ed. 17, 1
Petrifilm Plates
EPA 1682
SM 9260 B
SM9260 D
SM 9213 B
USP 29 <61>
SM 9020 B
BART Test
SM 9215B
SOP MB-007
SOP MB-007
SM 9610B
EPA 1604
USP XXIII <61>
SOP MB-027
SOP MB 007
Petrifilm Plates
SM 9610 B
USP XXIII <61>

Test Name & Methods by Analysis Group



Analytical Group: Organic

<u>ANALYSIS TYPE</u>	<u>METHOD</u>		
% TOC BY EPA 8260B	EPA 8260B	EPA 8015B TPH T HANDLE	EPA 8015B
AF / EPA 8260B DAI	EPA 8260B	EPA 8015D	EPA 8015D
AF / EPA 8270C	EPA 8270C	EPA 8015D GRO P&T	EPA 8015D
D-3695	ASTM D-3695	EPA 8015D TPH	EPA 8015D
ENDOTHALL	EPA 548.1	EPA 8015M TPH	EPA 8015M
EPA 1624	EPA 1624	EPA 8020A BTEX	EPA 8020A
EPA 1666 DAI	EPA 1666	EPA 8020A VOC	EPA 8020A
EPA 1666 P&T	EPA 1666	EPA 8021 BTEX ENCORE	EPA 8021B
EPA 1671	EPA 1671	EPA 8021B BTEX VOC	EPA 8021B
EPA 502.2 THM	EPA 502.2	EPA 8021B BTEX T HANDLE	EPA 8021B
EPA 502.2 VOC	EPA 502.2	EPA 8021B VOC	EPA 8021B
EPA 504.1 SVOC	EPA 504.1	EPA 8021B VOC T HANDLE	EPA 8021B
EPA 508 SVOC	EPA 508	EPA 8081A Appendix IX	EPA 8081A
EPA 508 SVOC - REG	EPA 508	EPA 8081A SVOC	EPA 8081A
EPA 515.1 SVOC	EPA 515.1	EPA 8081A SVOC / MZ	EPA 8081A
EPA 515.1 SVOC - REG	EPA 515.1	EPA 8082 PCB	EPA 8082
EPA 524.2 VOC	EPA 524.2	EPA 8082 PCB/SONICATOR	EPA 8082
EPA 524.2 EFFLUENT	EPA 524.2	EPA 8082 PCB/SOXHLET	EPA 8082
EPA 524.2 THM VOC	EPA 524.2	EPA 8082 PCB-Congener	EPA 8082
EPA 524.2 VOC - REG	EPA 524.2	EPA 8151A SVOC	EPA 8151A
EPA 525.2 SVOC	EPA 525.2	EPA 8151A SVOC/SOXHLET	EPA 8151A
EPA 525.2 SVOC - REG	EPA 525.2	EPA 8260 DAI	EPA 8260 DAI
EPA 528	EPA 528	EPA 8260 DRNA	EPA 8260B
EPA 531.1	EPA 531.1	EPA 8260 LOW LEVEL	EPA 8260B
EPA 547	EPA 547	EPA 8260B /HAPs	EPA 8260B
EPA 549.2	EPA 549.2	EPA 8260B Appendix IX	EPA 8260B
EPA 552.2 HAA	EPA 552.2	EPA 8260B BTEX VOC	EPA 8260B
EPA 601 VOC	EPA 601	EPA 8260B EXT	EPA 8260B
EPA 602 VOC	EPA 602	EPA 8260B TIC	EPA 8260B
EPA 608 PCB	EPA 608	EPA 8260B VOC	EPA 8260B
EPA 608 PESTICIDES/PCB	EPA 608	EPA 8260B VOC EN CORE	EPA 8260B
EPA 608 SVOC	EPA 608	EPA 8260B VOC T HANDLE	EPA 8260B
EPA 615 SVOC	EPA 615	EPA 8260B/MZ	EPA 8260B
EPA 624 EFFLUENT	EPA 624	EPA 8260C VOC EXT	EPA 8260C
EPA 624 VOC	EPA 624	EPA 8260C VOC SIM	EPA 8260C
EPA 624 VOC EXT	EPA 624	EPA 8270C /HAPs	EPA 8270C
EPA 625 SVOC	EPA 625	EPA 8270C EXT	EPA 8270C
EPA 625 SVOC EXT	EPA 625	EPA 8270C SVOC	EPA 8270C
EPA 8010B VOC	EPA 8010B	EPA 8270C SVOC SIM	EPA 8270C
EPA 8011 SVOC	EPA 8011	EPA 8270C SVOC/MZ	EPA 8270C
EPA 8015 B / GRO-DRO	EPA 8015 B	EPA 8270C TIC	EPA 8270C
EPA 8015 SOLVENT SCAN HIGH	EPA 8015	EPA 8270D SVOC EXT	EPA 8270D
EPA 8015B /HAPs	EPA 8015B	FOOD PRESERVATIVES	EPA 8270C
EPA 8015B as TPH	EPA 8015B	HAA5 POTENTIAL	SM 5710 D
EPA 8015B GRO ENCORE	EPA 8015B	HAA5 POTENTIAL, FINAL	EPA 552.2/SM 5710 D
EPA 8015B GRO P&T	EPA 8015B	HAA5 POTENTIAL, INITIAL	EPA 552.2/SM 5710 D
EPA 8015B GRO T HANDLE	EPA 8015B	PAH SVOC BY EPA 8270C	EPA 8270C
EPA 8015B GROL P&T	EPA 8015B	PAH SVOC BY EPA 8270D	EPA 8270D
EPA 8015B SOLVENT SCAN	EPA 8015B	PCBs IN OIL	EPA 600/4-81-045
EPA 8015B TPH	EPA 8015B	Pharmaceutical and Personal Care Products	EPA 8260B
EPA 8015B TPH ENCORE	EPA 8015B	Pharmaceutical and Personal Care Products	EPA 8270C
		PHENOL BY GC EPA 625	EPA 625
		PHENOLS BY GC EPA 8270C	EPA 8270C
		PP / EPA 624 VOC	EPA 624
		PP / EPA 625 SVOC	EPA 625
		PP / EPA 608 PCB	EPA 608
		PP / EPA 608 PESTICIDES	EPA 608

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PP / EPA 608 PESTICIDES/PCB	EPA 608
PP / EPA 8081A PESTICIDES	EPA 8081A
PP / EPA 8082 PCB	EPA 8082
PP / EPA 8260B VOC	EPA 8260B
PP / EPA 8270C SVOC	EPA 8270C
PP / PHENOL BY GC EPA 625	EPA 625
SDS - HAA5	SM 5710 C
SDS - HAA5 FINAL	EPA 552.2/SM 5710 C
SDS - HAA5 INITIAL	EPA 552.2/SM 5710 C
SDS - THM	SM 5710 C
SDS - THM FINAL	EPA 524.2/SM 5710 C
SDS - THM INITIAL	EPA 524.2/SM 5710 C
SPLP EPA 8260B	EPA 8260B
SPLP EPA 8270C	EPA 8270C
TCL 8081A PESTICIDES	EPA 8081A
TCL 8081B PESTICIDES	EPA 8081B
TCL 8082 PCB SVOC	EPA 8082
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 FORMATION POTENTIAL FINAL	EPA 524.2/SM 5710 B
THM FORMATION POTENTIAL INITIA	EPA 524.2/SM 5710 B
TNRCC 1005 TPH	TNRCC Method 1005 R
TNRCC 1006 TPH	TNRCC Method 1006
TTO 608 PCB	EPA 608
TTO 608 PESTICIDES	EPA 608
TTO 608 PESTICIDES/PCB	EPA 608
TTO 624 VOC	EPA 624
TTO 625 SVOC	EPA 625
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
USER4(metodo en construccion)	EPA 8270C
Volatile Fatty Acids	SM 5560 D

Test Name & Methods by Analysis Group



Analytical Group: Wet Chemistry

<u>ANALYSIS TYPE</u>	<u>METHOD</u>		
Acetic Acid	SM 4500 H B	Chloride	SM 4500 Cl E
Acidity - USP	USP XXIII p. 731	Chloride	SM 4500 Cl B
Acidity (as acetic acid)	ASTM D1613	Chloride	ASTM C 1152
Acidity (as CaCO ₃)	EPA 305.1	Chloride	ASTM C114
Acidity (as CaCO ₃)	SM 2310 B	Chloride	SM 4500 Cl D
Acidity or Alkalinity	ASTM D 1067	Chloride	EPA 325.3
Alcohol by Volume @ 60°F	AOAC 982.10	Chloride	EPA 325.2
Alkalinity	EPA 310.2	Chloride - soluble	EPA 325.3
Alkalinity	SM 2320 B	Chloride - soluble	EPA 325.2
Alkalinity	EPA 310.1	Chloride %	Fajans
Alkalinity - IW	EPA 310.2	Chloride as CaCO ₃	Calculation
Alkalinity (as NH ₃)	ACS Specifications	Chloride/Bromide Ratio	Calculation
Ammonia	SM 4500-NH ₃ D	Chlorinated Nitrate	EPA 300.0 A
Ammonia	EPA 350.1	Chlorine by Bomb Method	ASTM D-808
Ammonia - Ammonium Ratio	SM 4500-NH ₃ D & Cal	Chlorine Content	SW846-9056A
Ammonia - soluble	EPA 350.1	Chlorine Demand	SM 2350 B
Ammonia - soluble	SM 4500-NH ₃ D	Chlorine Dioxide	SM 4500-CLO ₂ -D
Ammonium Sulfate	ACS Part 4	Chlorophyll	SM 10200 H
Anions - Total	SM 1030 E, 20 ed.	Chromium Trivalent	Calculation
API Gravity @ 60 °F	ASTM D4052	Chromium Trivalent - soluble	Calculation
Apparent Color Pt Co	SM 2120 B	Chromium VI - soluble	SM 3500 CRD
Appearance		Chromium VI - soluble	SM 3500 Cr B
Appearance	SM 2110	Chromium VI, Total	SM 3500 CRD
Ash	SM 2540 E	Chromium VI, Total	SM 3500 Cr B
Ash	ASTM D482	Chromium VI, Total	EPA 7196A
Ash - %	SM 2540 G	Colloidal Silica	EPA 370.1
Assay	USP	Color ADMI	EPA 110.1
Basicity	AWWA B408-03	Color ADMI	SM 2120 E
Benzoic acid	SOP WC-101	Color Pt Co	EPA 110.2
Biochemical Oxygen Demand	SM 5210 B	Color Pt Co	SM 2120 B
Biochemical Oxygen Demand	EPA 405.1	Color Pt Co - soluble	EPA 110.2
Biochemical Oxygen Demand - so	SM 5210 B	Color Pt Co - soluble	SM 2120 B
Biochemical Oxygen Demand - so	EPA 405.1	Copper Sulfate Corrosion Test	ASTM F1089
Biochemical Oxygen Demand - U	SM 5210 B	Corrosivity Index	SM 203 16th Ed.
Biodegradable COD - bCOD	EPA 410.4	Corrosivity Index	SM 2330 B
Bio-mass	SOP Merck	Corrosivity pH	EPA 9040C
Boiling Point	ASTM D 1078	Corrosivity Toward Steel	EPA 1110A
Boiling Range	ASTM D 1078	Corrosivity, pH (RCRA)	EPA 9045C
Brix at 20 °C	Refractometer	Cyanide - Amenable	SM 4500 CN-G
Bromide	EPA 320.1	Cyanide - Amenable	EPA 9012B
Bromine Content	SW846-9056A	Cyanide - Amenable	EPA 335.1
Bulk Density Determination		Cyanide - soluble	EPA 335.4
C Biochemical Oxygen Demand	SM 5210 B	Cyanide - soluble	EPA 335.2
Calcium Hardness	EPA 215.1	Cyanide - soluble	EPA 335.3
Calcium Hardness	EPA 215.2	Cyanide - Total	EPA 9012B
Carbon Dioxide	SM 4500 CO ₂ D	Cyanide - Total	EPA 9010B/9014
Carbon Dioxide - soluble	SM 4500 CO ₂ D	Cyanide - Total	EPA 9013/9012A
Chemical Oxygen Demand	EPA 410.4	Cyanide - Total	EPA 335.3
Chemical Oxygen Demand - solub	EPA 410.4	Cyanide - Total	EPA 335.2
Chloramines	SM 4500-CL-G	Cyanide - Total / MZ	EPA 335.4
Chloride	ASTM C114/ C1218	Cyanide, Weak Acid Dissociable	SM 4500 CN-I
		Cyanuric Acid	HACH 8139
		Density	SOP-CHEM. 009
		Density	ASTM D 5057
		Density @ 20 °C	ASTM D 4052
		Density @ 25 °C	ASTM D 4052

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Density at 20°C	ASTM D 1298	Nitrate + Nitrite	EPA 353.2
Density at 25°C	SOP-CHEM. 009	Nitrate and Nitrite - soluble	EPA 353.2
Dissolved Oxygen	EPA 360.2	Nitrate as CaCO ₃	Calculation
Dissolved Oxygen	SM 4500-O C	Nitric Acid	USP XXIII p. 2271
Dissolved Oxygen	EPA 360.1	Nitrite	EPA 354.1
EPA 300.0 A	EPA 300.0 A	Nitrite	EPA 353.2
EPA 300.1 A	EPA 300.1	Nitrite - soluble	EPA 353.2
EPA 300.1 B	EPA 300.1	Nitrogen (NO ₂ -NO ₃ -NH ₃)	SM 4500 N
EPA 300.1 NO ₂ , NO ₃ , OP	EPA 300.1	Nitrogen Soluble (NO ₂ -NO ₃ -NH ₃)	SM 4500 N
EPA 531.1	EPA 531.1	Non-Filterable Residue (TSS)	EPA 160.2
EPA 547	EPA 547	Non-Filterable Residue (TSS)	SM 2540 D
EPA 549.2	EPA 549.2	Non-Polar Material (SGT-HEM)	EPA 1664 A
Extractable Organic Halides	EPA 9023	Nonvolatile Matter	ASTM D 1353 - 03
Filterable Residue (TDS)	SM 2540 C	Nuisance Respirable Dust	NIOSH 0600
Filterable Residue (TDS)	EPA 160.1	Odor	Organoleptic
Fixed Dissolved Solids	EPA 160.4	Odor	EPA 140.1
Fixed Dissolved Solids	SM 2540E	Odor	SM 2150 B
Fixed Solids-Ash	EPA 160.4	Oil and Grease (Freon)	EPA 9070
Fixed Suspended Solids	EPA 160.4	Oil and Grease (Freon)	EPA 413.1
Fixed Suspended Solids	SM 2540E	Oil and Grease (HEM)	EPA 1664 A
Flash Point	EPA 1020 A	Oil and Grease (HEM) Solid - H	EPA 9071B
Flash Point	EPA 1010	Oil and Grease (HEM) Solid - L	EPA 9071B
Flavor	SM2160B	Oil and Grease Extraction	EPA 9071A
Fluoride	SM 4500 F C	Oil and Grease IR	SM 5520 C
Fluoride	EPA 340.2	Oil and Grease IR	EPA 413.2
Fluoride - soluble	SM 4500 F C	Organic Matter	ASTM 2974
Fluoride - soluble	EPA 340.2	Organoleptic Tests	Organoleptic
Foaming Agents	SM 5540 C	Orthophosphate - DR	SM 4500 P-E
Foaming Agents - Soluble	SM 5540 C	Orthophosphate - soluble DR	SM 4500 P-E
Food Preservative	Calculation	Orthophosphate - soluble NR	EPA 365.3
Free Chlorine	EPA 330.5	Orthophosphate - soluble R	EPA 365.1
Free Chlorine	SM 4500 Cl G	Orthophosphate NR	EPA 365.3
Free Cyanide	ASTM D 4282-02	Orthophosphate R	EPA 365.1
Free Cyanide	EPA 9016	Oxidation-Reduction Potential	SM 2580 B
Free Cyanide High	ASTM D 4282-02	Oxidizable Substances	USP 23
Free Fatty Acids	ASTM D 5555	P. Pollutants - Chloride	EPA 325.2
Gross Heat of Combustion	ASTM D 240	P. Pollutants - Cyanide	EPA 335.4
Hardness	SM 2340 C	P. Pollutants - Cyanide	EPA 335.3
Hardness, Total	EPA 130.2	P. Pollutants - Fluoride	EPA 340.2
Humidity	ASTM D-2974	P. Pollutants - Phenolics	EPA 9066 A
Hydrogen Sulfide Undissociated	SM 4500 S F	Paint Filter Liquid Test	EPA9095A
Hydrolysable Biodegradable COD	EPA 410.4	Particulate inert COD - piCOD	EPA 410.4
Ignitability	EPA 1030	pH	AOAC 943.02
Ignitability	ASTM D93-79	pH	SM 4500 H B
Ignitability	40CFR261.21	pH	EPA 150.1
Ignitability	EPA 1010	pH - soluble	SM 4500 H B
Inert COD - iCOD	EPA 410.4	pH - soluble	EPA 150.1
Inorganic Anions Content	EPA 9056	pH of Construction Material	ASTM C25
Iodide	EPA 320.1	pH of Saturation	SM 2330 B
Iodine Content	EPA 320.1	Pharmaceutical and Personal Care Products	SOP WC-101
Iron - Ferrous	SM 3500 Fe B	Phenolics - soluble	EPA 420.2
Iron of Electropolishing Soln.		Phenolics - Total	EPA 420.4
Langelier Index	SM 203 ed 15	Phenolics - Total	EPA 9066A
Langelier Index	SM 2330B	Phenolics - Total	EPA 420.2
Nitrate	EPA 9210	Phenolics -Total / MZ	EPA 420.1
Nitrate	EPA 353.2	Phosphorus - soluble	EPA 365.3
Nitrate - soluble	EPA 353.2	Phosphorus - soluble	SM 4500-P A,B,E

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Readily biodegradable COD - rbCOD	EPA 410.4	Surfactants	EPA 425.1
Refractive Index @ 20 °C	USP 831	Surfactants - soluble	SM 5540 C
Refractive Index @ 25 °C	USP 831	Surfactants - soluble	EPA 425.1
Releasable Cyanide	SW 846 - 7.3.3	Surfactants by Sublation	SM 5540 C
Releasable Sulfide	SW 846-7.3.4	SUVA - 254	FR vol. 63 #241
Residue After Evaporation	SOP-CHEM. 007	TAL Cyanide	EPA 335.3
Salinity	SM 2520 B	Taste	Organoleptic
Saturation Percentage	USDA Part 8	Taste	SM 2160 B
Screening of Oxidizers in Waste	ASTM D 4981	Temperature	SM 2550B
Sediment by Extraction	ASTM D 473	Temperature	EPA 170.1
Settleable Solids Gravimetric	SM 2540 F	Temperature DW	SM 2550 B
Settleable Solids Volumetric	EPA 160.5	TKN - soluble	EPA 351.2
Settleable Solids Volumetric	SM 2540 F	TOC Soluble Filtered	SM 5310 C
Silica	EPA 370.1	TOC Soluble Filtered	EPA 415.1
Silica - soluble	EPA 370.1	Total Carbon	EPA 415.2
Silica DW	SM 4500 SiO2 C	Total Carbon	SM 5310 C
Silica DW	SM 4500 Si D	Total Fixed Solids, %	SM 2540 G
Silt Density Index	ASTM D 4189	Total Halides	ASTM 808
Slowly biodegradable COD - sbCOD	EPA 410.4	Total Inorganic Carbon	SM 5310 C
Sodium Hypochlorite	ASTM D2022-89	Total Inorganic Carbon	EPA 415.1
Soil pH	EPA 9045C	Total Inorganic Nitrogen	SM 4500 N
Solubility in Water	ACS Specifications	Total Kjeldahl Nitrogen (TKN)	EPA 351.2
Soluble inert COD - siCOD	EPA 410.4	Total Nitrogen	SM 4500-N
Soluble Salts	USDA Part 8	Total Nitrogen (TKN-NO2-NO3)	SM 4500 N
Specific Conductance	USDA Part 8	Total Nitrogen Soluble	Calculation
Specific Conductance	SM 2510 B	Total Nuisance Dust	NIOSH 0500
Specific Conductance	EPA 120.1	Total Organic Carbon	EPA 9060
Specific Gravity	ASTM D 5057	Total Organic Carbon	SM 5310 C
Specific Gravity @ 20 °C	ASTM D 4052	Total Organic Carbon	EPA 415.1
Specific Gravity @ 25 °C	ASTM D 4052	Total Organic Carbon Soluble	SM 5310 C
Specific Gravity @ 60 °F	ASTM D 4052	Total Organic Carbon Soluble	EPA 415.1
Specific Gravity at 20°C	ASTM D 5057	Total Organic Halides	ASTM D 808
Specific Gravity at 25°C	ASTM D 5057	Total Organic Halides	EPA 9020 B
Specific Resistance	SM 2510B	Total Organic Nitrogen	SM 4500 N
SPLP - Cyanide	EPA 9012A	Total Organic Nitrogen	EPA 351.2
Substances Reducing KMnO4	ACS Specifications	Total Petroleum Hydrocarbon	EPA 1664A
Sulfate	ASTM D 516-90,02	Total Petroleum Hydrocarbons	SM 5520 F
Sulfate	SM 4500 SO4-E	Total Petroleum Hydrocarbons	EPA 418.1
Sulfate	EPA 375.4	Total Phosphorus	SM 4500-P A,B,E
Sulfate	EPA 9038 A	Total Phosphorus	EPA 365.3
Sulfate	EPA 375.3	Total Residual Chlorine	EPA 330.5
Sulfate - soluble	EPA 375.3	Total Residual Chlorine	SM 4500 Cl B,G
Sulfate - soluble	EPA 375.4	Total Solids	SM 2540 B
Sulfate as CaCO3	Calculation	Total Solids	EPA 160.3
Sulfate DW	EPA 375.3	Total Solids - %	SM 2540G
Sulfate PW	SM 4500 SO4 E	Total Sulfur	ASTM D 3177
Sulfide	4500-S ² -D	Total Volatile Solids, %	SM 2540 G
Sulfide	EPA 376.2	Turbidity	EPA 180.1
Sulfide - Extractable	SW 9031	Turbidity	SM 2130 B
Sulfide - soluble	SM 4500-S ² -D	UCMR4 EPA 546	EPA 546
Sulfide SW 9030B/9034	SW 9034	Ultraviolet Absorption UV 254	SM 5910 B
Sulfide Titration	EPA 376.1	UV Transmittance @ 254	SM 5910 B
Sulfide-Titration	SW9030B	UV Transmittance @ 254-soluble	SM 5910 B
Sulfite	SM 4500 SO3 B	Viscosity	ASTM 445
Sulfite	EPA 377.1	Viscosity at 100°C	ASTM 445
Sulfur	ASTM D 129	Viscosity at 40°C	ASTM 445
Surfactants	SM 5540 C	Volatile Acids	SM 5560 C

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Volatile Dissolved Solids	SM 2540 E
Volatile Dissolved Solids	EPA 160.4
Volatile Suspended Solids	SM 2540 E
Volatile Suspended Solids	EPA 160.4
Volatile Total Solids	SM 2540 E
Volatile Total Solids	EPA 160.4
Water Balance	SM 2330B
Water Content	ASTM D 1744
Water in Petroleum Products	ASTM D 95