



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Eurofins Eaton Analytical
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1807
Certificate Number


ANAB Approval

Certificate Valid: 12/21/2017-09/26/2019
Version No. 003 Issued: 12/21/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Eurofins Eaton Analytical

750 Royal Oaks Drive, Suite 100

Monrovia, CA 91016

Nilda Cox

626-386-1100

TESTING

Valid to: **September 26, 2019**

Certificate Number: **AT-1807**

Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
EDTA and NTA	In House Method (Wet Chemistry–SOP2454)	Drinking Water	IC
Inorganic Anions and DBPs by Ion Chromatography	EPA 300.0; EPA 300.1	Drinking Water	IC
Inorganic Anions and DBPs by Ion Chromatography	EPA 300.0	Wastewater	IC
Perchlorate (low and high levels)	EPA 314.0	Drinking Water	IC
Conductivity	EPA 120.1; SM 2510B	Wastewater	Conductivity Meter
Conductivity	SM 2510B	Drinking Water	Conductivity Meter
pH	EPA 150.1	Drinking Water	ISE
Cyanide (Free),	SM 4500CN F	Drinking Water, Wastewater	ISE
Fluoride	SM 4500F C	Drinking Water, Wastewater	ISE
Residue (Volatile)	EPA 160.4	Wastewater	Gravimetry
Residue (Total)	SM 2540B	Wastewater	Gravimetry
Residue (Filterable)	SM 2540C	Wastewater, Drinking Water	Gravimetry
Residue (Non-filterable)	SM 2540D	Wastewater	Gravimetry
Turbidity	EPA 180.1; SM 2130B	Drinking Water, Wastewater	Turbidimetry



Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Metals	EPA 200.7	Drinking Water, Wastewater	ICP-AES
Oxyhalides Disinfection Byproducts	EPA 317.0	Drinking Water	IC/PCR
Perchlorate	EPA 331.0	Drinking Water	LC-ESI-MS
Cyanide (Total)	EPA 335.4	Wastewater, Drinking Water	UV/VIS
Nitrate/Nitrite Nitrogen	EPA 353.2	Wastewater, Drinking Water	UV/VIS
Ortho Phosphate	EPA 365.1	Wastewater, Drinking Water	UV/VIS
Ortho Phosphorous	SM 4500P E	Drinking Water	UV/VIS
Total Phosphorous	SM 4500P E	Wastewater	UV/VIS
Chemical Oxygen Demand	EPA 410.4	Wastewater	UV/VIS
Total Phenols	EPA 420.1	Wastewater	UV/VIS
Total Phenols	EPA 420.4	Wastewater, Drinking Water	UV/VIS
Cyanide (amenable)	SM 4500-CN G	Wastewater, Drinking Water	UV/VIS
Sulfide	SM 4500-S ⁼ D	Wastewater	UV/VIS
Chemical Oxygen Demand	SM 5220D	Wastewater	UV/VIS
Surfactants	SM 5540C	Wastewater, Drinking Water	UV/VIS
Chlorine Dioxide	SM 4500-CLO ₂ D	Drinking Water	UV/VIS
UV 254 Organic Constituents	SM 5910B	Drinking Water	UV/VIS
Chlorine, Free, Combined, Total Residual, Chloramines (Colorimetric)	SM 4500-Cl G	Drinking Water, Wastewater	UV/VIS
Silica	SM 4500-Si D; SM 4500-SiO ₂ C	Drinking Water, Wastewater	UV/VIS
Ammonia	EPA 350.1; SM 4500-NH ₃ H	Wastewater	Rapid Flow
Kjeldahl Nitrogen	EPA 351.2	Wastewater	Rapid Flow
Total Phosphorous	SM 4500-PE	Wastewater	Rapid Flow

Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cyanogen Chloride (screen)	In House Method 335 Mod (Wet Chemistry-SOP2470)	Drinking Water	Rapid Flow
Alkalinity	SM 2320B	Drinking Water, Wastewater	Titration
Sulfite	SM 4500-SO ³ B	Drinking Water, Wastewater	Titration
Corrosivity (Langelier Index), Carbonate as CO ₃ , Hydroxide as OH Calculated	SM 2330B	Drinking Water	Calculation
Carbonate as CO ₃	SM 2330B	Wastewater	Calculation
Bicarbonate Alkalinity as HCO ₃	SM 2320B	Drinking Water, Wastewater	Calculation
Hardness	SM 2340B	Drinking Water, Wastewater	Calculation
pH	SM 4500-H+ B	Drinking Water, Wastewater	POT
Dissolved Oxygen	SM 4500-O G	Wastewater	POT
Biochemical Oxygen Demand / Carbonaceous BOD	SM 5210B	Wastewater	POT-TITR
Dissolved Organic Carbon	SM 5310C	Drinking Water	IR/COUL
Total Organic Carbon	SM 5310C	Drinking Water, Wastewater	IR/COUL
Total Organic Halides	SM 5320B	Wastewater	COUL
<i>E. coli</i>	CFR 141.21(f)(6)(i) (MTF/EC+MUG) (Micro-SOP2347)	Drinking Water	MTF-MUG
Total Coliform / <i>E. coli</i>	SM 9223	Drinking Water	Colisure
Microcystin LR	Micro-SOP2360	Drinking Water	ELISA
Total Microcystins and Nodularins	EPA 546	Drinking Water	ELISA
Cryptosporidium	EPA 1623	Drinking Water	Filtration/IMS/FA
Giardia	EPA 1623	Drinking Water	Filtration/IMS/FA
<i>Pseudomonas</i> sp.	Micro-SOP2461	Drinking Water	Pseudalert
Heterotrophic Bacteria	SM 9215 B	Drinking Water	HPC

Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Coliform (P/A)	SM 9221 A, B	Drinking Water	MTF
Total Coliform (Enumeration)	SM 9221 A, B, C	Drinking Water	MTF
Fecal Coliform (P/A and Enumeration)	SM 9221 E (MTF/EC)	Drinking Water	MTF
Fecal Coliform	SM 9221C, E (MTF/EC)	Wastewater	MTF
Total Coliform, Total Coliform with Chlorine Present	SM 9221B	Wastewater	MTF
Fecal Coliform with Chlorine Present	SM 9221E	Wastewater	MTF
<i>E. coli</i> (Enumeration)	SM 9221B.1; SM 9221F	Drinking Water	MTF/EC+MUG
Fecal Streptococci, Enterococci	SM 9230B	Drinking Water, Wastewater	MTF
Total Coliform / <i>E.coli</i> (P/A and Enumeration)	SM 9223	Drinking Water	Colilert
<i>E. coli</i>	SM 9223	Wastewater	Colilert
Total Coliform / <i>E. coli</i> (P/A and Enumeration)	SM 9223	Drinking Water	ONPG
<i>E. coli</i> (Enumeration)	SM 9223B	Drinking Water	Colilert
Yeast and Mold	SM 9610	Drinking Water	Membrane Filter
Uranium by ICP/MS	EPA 200.8	Drinking Water	ICP-MS
Gross Alpha and Gross Beta	EPA 900.0	Drinking Water, Wastewater	GPC
Radium-226, Radium-228	GA Institute of Technology (Radiochemistry-SOP2374)	Drinking Water	GS
Gross Alpha Coprecipitation	SM 7110 C	Drinking Water, Wastewater	GPC
Radon-222	SM 7500RN	Drinking Water	LSC
2,3,7,8-TCDD	Modified EPA 1613B	Drinking Water	GC-MS-MS
NDMA	EPA 521	Drinking Water	GC-MS-MS
NDMA	In house method Mod EPA 521 (GCMS-SOP2425)	Drinking Water	GC-MS-TQ



Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Organohalide Pesticides and Commercial Polychlorinated Biphenyl (PCB)	EPA 505	Drinking Water	GC-ECD
Chlorinated Acids	EPA 515.4	Drinking Water	GC-ECD
EDB/DBCP and Disinfection Byproducts	EPA 551.1	Drinking Water	GC-ECD
Carbonyls	EPA 556	Drinking Water	GC-ECD
Disinfection By-Products and Halo Acetic Acids	SM 6251B	Drinking Water	GC-ECD
1,4-Dioxane	EPA 522	Drinking Water	GC-MS
Semi-Volatile Compounds	EPA 525.2	Drinking Water	GC-MS
Endothall	EPA 548.1	Drinking Water	GC-MS
Taste and Odor Analytes	SM 6040E	Drinking Water	GC-MS
Semi-Volatile Compounds	EPA 625	Wastewater	GC-MS
N-methyl-carbamoyloximes and N-methylcarbamates	EPA 531.2	Drinking Water	HPLC-FLUOR
Glyphosate	EPA 547	Drinking Water	HPLC-FLUOR
Perfluorinated Alkyl Acids	EPA 537	Drinking Water	LCMS-MS
Perfluorinated Pollutants	In-house Method (LCMS-SOP2434)	Drinking Water	LCMS-MS
Endothall	In-house Method (LCMS-SOP2445)	Drinking Water	LCMS-MS
Algal Toxins/Microcystin	In-house Method (LCMS-SOP3570)	Drinking Water	LCMS-MS
Glyphosate & AMPA	In-house Method (LCMS-SOP3618)	Drinking Water	LCMS-MS
Acrylamide	In House Method (LCMS-SOP2440)	Drinking Water	LCMS
Bromate	In House Method (LCMS-SOP2447)	Drinking Water	LCMS
Phenylurea Pesticides / Herbicides	In House Method, based on EPA 532 (LCMS-SOP2448)	Drinking Water	LCMS

Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Triazine Pesticides and Their Degradates	In House Method, based on EPA 536 (LCMS-SOP3617)	Drinking Water	LC-ESI-MS-MS
Hormones	EPA 539	Drinking Water	LC-ESI-MS-MS
Diquat and Paraquat	EPA 549.2	Drinking Water	HPLC-UV
Chlorinated Acids	EPA 555	Drinking Water	HPLC-UV
Asbestos	EPA 100.2	Drinking Water, Wastewater	TEM
Metals	EPA 200.8	Drinking Water, Wastewater	ICP-MS
Hexavalent Chromium	EPA 218.6	Wastewater	IC
Hexavalent Chromium	EPA 218.7; EPA 218.6	Drinking Water	IC
Mercury	EPA 245.1	Drinking Water, Wastewater	CV-AAS
Hexavalent Chromium	SM 3500-Cr B	Wastewater	UV/VIS
EDB, DCBP	EPA 504.1	Drinking Water	GC-ECD
Volatile Organic Compounds	EPA SW 846 8260; EPA 524.2; EPA 524.3; In House Method SRL (GCMS-SOP2411)	Drinking Water	GC-MS
Volatile Organic Compounds	EPA 624	Wastewater	GC-MS

Water as a Component of Food and Beverage/Bottled Water

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
EDTA and NTA	In House Method (Wet Chemistry–SOP2454)		IC
Turbidity	EPA 180.1		Turbidimetry
Inorganic Anions and DBPs by Ion Chromatography	EPA 300.0; EPA 300.1		IC
Perchlorate (low and high levels)	EPA 314.0		IC



Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Oxyhalides Disinfection Byproducts	EPA 317.0		IC/PCR
Perchlorate	EPA 331.0		LC-ESI/MS
Cyanide (Total)	EPA 335.4		UV/VIS
Nitrate/Nitrite Nitrogen	EPA 353.2		UV/VIS
Ortho Phosphate	EPA 365.1; SM 4500P E		UV/VIS
Total Phenols	EPA 420.4		UV/VIS
Chlorine Dioxide	SM 4500-CLO ₂ D		UV/VIS
Surfactants	SM 5540C		UV/VIS
Chlorine, Free, Combined, Total Residual, Chloramines	SM 4500-CL G		UV/VIS
Cyanogen Chloride (screen)	In House Method MWH/E 335MOD (Wet Chemistry-SOP2470)		Rapid Flow
Ammonia	SM 4500-NH ₃ H; EPA 350.1		Rapid Flow
Alkalinity	SM 2320B		Titration
Sulfite	SM 4500-SO ₃ B		Titration
Corrosivity (Langelier Index), Carbonate as CO ₃ , Hydroxide as OH	SM 2330B		Calculation
Bicarbonate Alkalinity as HCO ₃	SM 2320B		Calculation
Hardness	SM 2340B		Calculation
Conductivity	SM 2510B		Conductivity Meter
Residue (Filterable)	SM 2540C		Gravimetry
Residue (Total)	SM 2540B		Gravimetry
Cyanide (Free)	SM 4500CN F		ISE
pH	SM 4500-H+B		ISE
Fluoride	SM 4500F C		ISE



Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Organic Carbon	SM 5310C		IR/COUL
Dissolved Oxygen	SM 4500-O G		POT
Biochemical Oxygen Demand / Carbonaceous BOD	SM 5210B		POT-TITR
<i>E. coli</i>	CFR 141.21(f)(6)(i) (MTF/EC+MUG) (Micro-SOP2347)		MTF/EC+MUG
Total Coliform / <i>E. coli</i>	SM9223		Colisure
Microcystin LR	Micro-SOP2360		ELISA
Total Microcystins and Nodularins	EPA 546		ELISA
Cryptosporidium	EPA 1623		Filtration/IMS/FA
Giardia	EPA 1623		Filtration/IMS/FA
<i>Pseudomonas</i>	Micro-SOP2461		Pseudalert
Heterotrophic Bacteria	SM 9215 B		HPC
Total Coliform (P/A)	SM 9221 A, B		MTF/LTB
Total Coliform (Enumeration)	SM 9221 A, B, C		MTF/LTB
<i>E. coli</i> (Enumeration)	SM 9221B.1; SM 9221F		MTF/EC+MUG
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)		MTF/EC
Total Coliform / <i>E.coli</i> (P/A and Enumeration)	SM 9223		Colilert
Total Coliform / <i>E. coli</i> (PA and Enumeration)	SM 9223		ONPG
<i>E. coli</i> (Enumeration)	SM 9223B		Colilert
Yeast and Mold	SM 9610		Membrane Filter
Uranium by ICP/MS	EPA 200.8		ICP-MS
Gross Alpha and Gross Beta	EPA 900.0		GPC
Gross Alpha Coprecipitation	SM 7110 C		GPC
Radium-226, Radium-228	GA Institute of Technology (Radiochemistry-SOP2374)		GS



Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Radon-222	SM 7500RN		LSC
2,3,7,8-TCDD	Modified EPA 1613B		GC-MS-MS
NDMA	EPA 521		GC-MS-MS
NDMA	In house method Mod EPA 521 (GCMS-SOP2425)		GC-MS-TQ
Organohalide Pesticides and Commercial Polychlorinated Biphenyl (PCB)	EPA 505		GC-ECD
Chlorinated Acids	EPA 515.4		GC-ECD
EDB/DBCP and Disinfection Byproducts	EPA 551.1		GC-ECD
Carbonyls	EPA 556		GC-ECD
Disinfection By-Products and Halo Acetic Acids	SM 6251B		GC-ECD
1,4-Dioxane	EPA 522		GC-MS
Semi-Volatile Compounds	EPA 525.2; EPA 625		GC-MS
Endothall	EPA 548.1		GC-MS
Taste and Odor Analytes	SM 6040E		GC-MS
N-methyl-carbamoyloximes and N-methylcarbamates	EPA 531.2		HPLC-FLUOR
Glyphosate	EPA 547		HPLC-FLUOR
Perfluorinated Alkyl Acids	EPA 537		LCMSMS
Perfluorinated Pollutants	In-house Method (LCMS-SOP2434)		LCMSMS
Endothall	In-house Method (LCMS-SOP2445)		LCMSMS
Algal Toxins/Microcystin	In-house Method (LCMS-SOP3570)		LCMSMS
Glyphosate & AMPA	In-house Method (LCMS-SOP3618)		LCMSMS
Acrylamide	In House Method (LCMS-SOP2440)		LCMS




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Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Bromate	In House Method (LCMS-SOP2447)		LCMS
Phenylurea Pesticides / Herbicides	In House Method, based on EPA 532 (LCMS-SOP2448)		LCMS
Hormones	EPA 539		LC-ESI-MS/MS
Triazine Pesticides and Their Degradates	In House Method, based on EPA 536 (LCMS-SOP3617)		LC-ESI-MS/MS
Diquat and Paraquat	EPA 549.2		HPLC-UV
Chlorinated Acids	EPA 555		HPLC-UV
Metals	EPA 200.8		ICP-MS
Hexavalent Chromium	EPA 218.6; EPA 218.7		IC
Mercury	EPA 245.1		CV-AAS
Metals	EPA 200.7		ICP-AES
Dissolved Organic Carbon / Total Organic Carbon	SM 5310C		IR/COUL
Volatile Organic Compounds	EPA SW 846 8260; EPA 524.2; EPA 524.3; EPA 624; In House Method (GCMS-SOP2411)		GC-MS

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1807.


 Vice President