

# 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

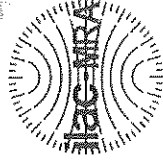
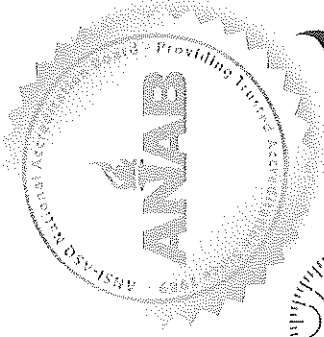
Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

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).



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## 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 <sup>-</sup> D	Wastewater	UV/VIS
Chemical Oxygen Demand	SM 5220D	Wastewater	UV/VIS
Surfactants	SM 5540C	Wastewater, Drinking Water	UV/VIS
Chlorine Dioxide	SM 4500-CLO2 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-SiO2 C	Drinking Water, Wastewater	UV/VIS
Ammonia	EPA 350.1; SM 4500-NH3 H	Wastewater	Rapid Flow
Kjeldahl Nitrogen	EPA 351.2	Wastewater	Rapid Flow
Total Phosphorous	SM 4500-PE	Wastewater	Rapid Flow



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### 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 <sup>3</sup> B	Drinking Water, Wastewater	Titration
Corrosivity (Langlier Index), Carbonate as CO <sub>3</sub> , Hydroxide as OH Calculated	SM 2330B	Drinking Water	Calculation
Carbonate as CO <sub>3</sub>	SM 2330B	Wastewater	Calculation
Bicarbonate Alkalinity as HCO <sub>3</sub>	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/TMS/FA
Giardia	EPA 1623	Drinking Water	Filtration/TMS/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	Collert
<i>E. coli</i>	SM 9223	Wastewater	Collert
Total Coliform / <i>E. coli</i> (P/A and Enumeration)	SM 9223	Drinking Water	ONPG
<i>E. coli</i> (Enumeration)	SM 9223B	Drinking Water	Collert
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



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## 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





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### 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





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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
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-CLO2 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-NH3 H; EPA 350.1		Rapid Flow
Alkalinity	SM 2320B		Titration
Sulfite	SM 4500-SO <sup>3</sup> B		Titration
Corrosivity (Langelier Index), Carbonate as CO <sub>3</sub> , Hydroxide as OH	SM 2330B		Calculation
Bicarbonate Alkalinity as HCO <sub>3</sub>	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







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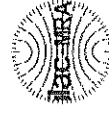
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Organic Carbon	SM 5310C		IR/COUL
Dissolved Oxygen	SM 4500-O G		POT
Biochemical Oxygen Demand / Carbonaceous BOD	SM 5210B		POT-TITR
<i>E. coli</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/TMS/FA
Giardia	EPA 1623		Filtration/TMS/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





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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
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.

  
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Vice President

