



Wisconsin Scope of Accreditation

Laboratory FID: 113133790
 CERTIFICATION
 Aqueous (Non-potable Water)

Wisconsin State Laboratory of Hygiene
2601 Agriculture Dr
Madison, WI 53718

Printed on: 12/10/2024
Expires on: 8/31/2025

Oxygen Demand Assays (BOD or cBOD)	Biochemical Oxygen Demand (BOD)
	Carbonaceous Biochemical Oxygen Demand (cBOD)
Colorimetric or Turbidimetric	Ammonia as N
	Chemical Oxygen Demand (COD)
	Chloride
	Cyanide, Available
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate
	Nitrate + Nitrite
	Nitrite
	Orthophosphate
	Phosphorus, Total
	Silica
	Sulfate
Nondispersive Infrared (NDIR) or Microcoulometry	Organic Carbon, Total (TOC)
Electrometric Assays (ISE)	pH
Gravimetric Assays - Residue (solids)	Residue, Filterable (TDS)
	Residue, Nonfilterable (TSS)
	Residue, Total (Total Solids)
	Residue, Volatile (TVS)

This laboratory is accredited under NR 149 to perform environmental sample analysis in support of covered environmental programs for the combination of analyte or analyte group and technology in the aqueous and non-aqueous matrices and analyte or analyte group and method in the drinking water matrix as specified in this Scope of Accreditation.



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Gravimetric Assays - Residue (solids)	Residue, Volatile, Nonfilterable (TVSS)
Extraction/Gravimetric Assays - Oil & Grease as HEM	Oil & Grease as HEM
Ion Chromatography (IC)	Chloride
	Nitrate
	Sulfate
Titrimetric or Potentiometric Titration Assays	Alkalinity
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Hardness, Total as CaCO ₃
	Iron
	Lead
	Magnesium

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Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
	Vanadium
	Zinc
	Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)
Beryllium	
Cadmium	
Chromium, Total	
Copper	
Lead	
Manganese	
Molybdenum	
Nickel	
Selenium	
Thallium	

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Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Zinc
Gas Chromatography (GC)	1,3-Propanediol
	Ethylene Glycol
	Propylene Glycol
Gas Chromatography-Mass Spectrometry (GC/MS)	## PAH (group)
	## VOC - VOLATILE ORGANICS (group)
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)
Whole Effluent Toxicity Assays	Acute Toxicity - Ceriodaphnia dubia
	Acute Toxicity - Pimephales promelas
	Chronic Toxicity - Ceriodaphnia dubia
	Chronic Toxicity - Pimephales promelas
	Chronic Toxicity - Selenastrum capricornutum
Cold Vapor Atomic Fluorescence Spectrophotometry (CVAFS)	Mercury, Low Level

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Disinfection By-products	## HALOACETIC ACIDS (5) - EPA 552.3
	## THM (group) - EPA 524.3
Primary Inorganics Contaminants (Non-Metals)	Cyanide - SM 4500-CN C, E
	Fluoride - Lachat 10-109-12-2-A (2009)
	Nitrate - EPA 353.2
	Nitrate + Nitrite - EPA 353.2
	Nitrite - EPA 353.2
Primary Inorganics Contaminants (Metals)	Antimony - SM 3113B
	Arsenic - SM 3113B
	Barium - EPA 200.7
	Beryllium - EPA 200.7
	Cadmium - SM 3113B
	Chromium - SM 3113B
	Copper - EPA 200.7
	Lead - SM 3113B
	Mercury - EPA 245.1
	Nickel - EPA 200.7
	Selenium - SM 3113B
	Thallium - EPA 200.9
	Secondary Inorganic Contaminants (Non-Metals)
Orthophosphate - EPA 365.1	

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Secondary Inorganic Contaminants (Non-Metals)	Sulfate - EPA 375.2
	TDS (Total Dissolved Solids) - SM 2540C
Secondary Inorganic Contaminants (Metals)	Aluminum - EPA 200.7
	Calcium - EPA 200.7
	Iron - EPA 200.7
	Magnesium - EPA 200.7
	Manganese - EPA 200.7
	Silver - SM 3113B
	Sodium - EPA 200.7
	Zinc - EPA 200.7

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SOC - Miscellaneous	## PFAS (group) – EPA 537.1 (18)
Volatile Organic Compounds (VOC)	## VOCS, REGULATED (group) - EPA 524.3
	## VOCS, UNREGULATED (group) - EPA 524.3

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Non-Aqueous (Biosolids, Leachates, Soils, Tissues, & Wastes)

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Colorimetric or Turbidimetric	Ammonia as N
	Chloride
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate + Nitrite
	Phosphorus, Total
Nondispersive Infrared (NDIR) or Microcoulometry	Organic Carbon, Total (TOC)
Electrometric Assays (ISE)	pH
Gravimetric Assays - Residue (solids)	Residue, Total
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper

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Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Iron
	Lead
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Phosphorus, Total
	Potassium
	Selenium
	Silver
	Sodium
	Thallium
	Vanadium
	Zinc
Gas Chromatography (GC)	## PCB as AROCLORS (group)
	1,3-Propanediol
	Ethylene Glycol
	Propylene Glycol
Gas Chromatography-Mass Spectrometry (GC/MS)	## PAH (group)
	## VOC - VOLATILE ORGANICS (group)
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)
Hazardous Waste Characteristics	Corrosivity, Liquids

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Hazardous Waste Characteristics	Ignitability (Flashpoint), Pensky-Martens Closed Cup
	Ignitability (Flashpoint), Setaflash Closed Cup
	Paint Filter Liquids Test
	TCLP Extraction
Cold Vapor Atomic Fluorescence Spectrophotometry (CVAFS)	Mercury

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