Scope of Accreditation

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

Laboratory Id: **113133790**
Expiration Date: **08/31/21**
Issued Date: **08/21/20**

Wisconsin Certification under NR 149
Matrix: Aqueous (Non-potable Water)

Class: General Chemistry

Alkalinity *by Titration*
Ammonia as N *by Colorimetry*
Biochemical Oxygen Demand (BOD) *by 5-d Assay*
Carbonaceous Oxygen Demand (cBOD) *by 5-d Assay*
Chemical Oxygen Demand (COD) *by Colorimetry*
Chloride *by Colorimetry*
Chloride *by IC*
Cyanide, Available *by Colorimetry*
Cyanide, Total *by Colorimetry*
HEM [Oil & Grease, Hexane Ext. Material (HEM)] *by Grav-HEM*
Hardness, Total as CaCO3 *by ICP*
Kjeldahl Nitrogen, Total *by Colorimetry*
Nitrate *by Colorimetry*
Nitrate *by IC*
Nitrate + Nitrite *by Colorimetry*
Nitrite *by Colorimetry*
Organic Carbon, Total (TOC) *by Comb-Ox*
Orthophosphate *by Colorimetry*
Phosphorus, Total *by Colorimetry*
Residue, Filterable (TDS) *by Grav*
Residue, Nonfilterable (TSS) *by Grav*
Residue, Total *by Grav*
Residue, Volatile (TVS) *by Grav*
Residue, Volatile, Nonfilterable (TVSS) *by Grav*
Silica *by Colorimetry*
Sulfate *by Colorimetry*
Sulfate *by IC*
Sulfide *by ISE*
pH *by ISE*

Class: Metals

Aluminum *by ICP*
Antimony *by ICP*
Arsenic *by ICP*
Barium *by ICP*
Beryllium *by ICP*
Boron *by ICP*
Cadmium *by ICP*
Cadmium *by ICP-MS*
Calcium *by ICP*
Chromium (Total) *by ICP*
Chromium (Total) *by ICP-MS*
Cobalt *by ICP*
Copper *by ICP*
Copper *by ICP-MS*

Class: Metals

Iron *by ICP*
Lead *by ICP*
Lead *by ICP-MS*
Magnesium *by ICP*
Manganese *by ICP*
Mercury *by Hyd-CVAA*
Mercury *by Ultra-Low*
Molybdenum *by ICP*
Nickel *by ICP*
Nickel *by ICP-MS*
Potassium *by ICP*
Selenium *by ICP*
Silver *by ICP*
Sodium *by ICP*
Strontium *by ICP*
Thallium *by ICP*
Vanadium *by ICP*
Zinc *by ICP*
Zinc *by ICP-MS*

Class: PAH - Polynuclear Aromatic Hydrocarbons (BN)

PAH (group) *by GC/MS*

Class: Volatile Organics

VOLATILE ORGANICS [VOC] (group) *by GC/MS*
1,3-Propanediol *by GC*
Ethylene Glycol *by GC*
Propylene Glycol *by GC*

Class: Toxicity, Acute

Acute Tox - Ceriodaphnia dubia *by WET*
Acute Tox - Pimephales promelas *by WET*

Class: Toxicity, Chronic

Chronic Tox - Ceriodaphnia dubia *by WET*
Chronic Tox - Pimephales promelas *by WET*
Chronic Tox - Selanastrum capricornutum *by WET*

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Wisconsin Certification under NR 149
Matrix: Drinking Water (Potable Water)

Class: SDWA - SOC, Miscellaneous
PFAS (group) – EPA 537.1 (18)

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Wisconsin Certification under NR 149
Matrix: Solid (Biosolids, Leachates, Soils, Tissues, & Wastes)

Class: General Chemistry
- Ammonia as N *by Colorimetry*
- Chloride *by Colorimetry*
- Cyanide, Total *by Colorimetry*
- Kjeldahl Nitrogen, Total *by Colorimetry*
- Nitrate + Nitrite *by Colorimetry*
- Organic Carbon, Total (TOC) *by Comb-Ox*
- Phosphorus, Total *by Colorimetry*
- Phosphorus, Total *by ICP*
- Residue, Total *by Grav*
- pH *by ISE*

Class: Metals
- Aluminum *by ICP*
- Antimony *by ICP*
- Arsenic *by ICP*
- Barium *by ICP*
- Beryllium *by ICP*
- Boron *by ICP*
- Cadmium *by ICP*
- Calcium *by ICP*
- Chromium (Total) *by ICP*
- Cobalt *by ICP*
- Copper *by ICP*
- Iron *by ICP*
- Lead *by ICP*
- Magnesium *by ICP*
- Manganese *by ICP*
- Mercury *by Hyd-CVAA*
- Mercury *by Ultra-Low*
- Molybdenum *by ICP*
- Nickel *by ICP*
- Potassium *by ICP*
- Selenium *by ICP*
- Silver *by ICP*
- Sodium *by ICP*
- Thallium *by ICP*
- Vanadium *by ICP*
- Zinc *by ICP*

Class: PAH - Polynuclear Aromatic Hydrocarbons (BN)
- ## PAH (group) *by GC/MS*

Class: PCBs as Aroclors
- ## PCB as AROCLORS (group) *by GC*

Class: Volatile Organics
- ## VOLATILE ORGANICS [VOC] (group) *by GC/MS*

Class: Volatile Organics
- 1,3-Propanediol *by GC*
- Ethylene Glycol *by GC*
- Propylene Glycol *by GC*

Class: Waste Characterization Extractions
- TCLP Extraction *by Waste Extractions*

Class: Waste Characterization Assays
- Corrosivity, Liquids *by Waste Assays*
- Ignitability (Flashpoint), Pensky-Martens Closed Cup *by Waste Assays*
- Ignitability (Flashpoint), Setaflash Closed Cup *by Waste Assays*
- Paint Filters Liquids Test *by Waste Assays*

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Wisconsin Reciprocal Certification with EPA Region 5
Matrix: Drinking Water (Potable Water)

Class: SDWA - Disinfection Byproducts
HALOACETIC ACIDS (5) - EPA 552.3

Class: SDWA - Primary Non-metals
Cyanide - SM 4500-CN- C,E
Fluoride - Lachat 10-109-12-2-A (2009)
Nitrate + Nitrite - EPA 353.2
Nitrate - EPA 353.2
Nitrite - SM 4500-NO2- B

Class: SDWA - Primary 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

Class: SDWA - Secondary Non-metals
Alkalinity - SM 2320B
Sulfate - EPA 375.2
TDS (Total Dissolved Solids) - SM 2540C

Class: SDWA - Secondary Metals
Aluminum - EPA 200.7
Calcium - EPA 200.7
Iron - EPA 200.7
Magnesium - EPA 200.7
Manganese - EPA 200.7
Silica - Lachat 10-114-27-1-A (1999)
Silver - SM 3113B
Sodium - EPA 200.7
Zinc - EPA 200.7

Class: SDWA - Trihalomethanes
THM (group) - EPA 524.2

Class: SDWA - Volatile Organics
VOCS, REGULATED (group) - EPA 524.2

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