

TestAmerica Analytical Testing – Watertown

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Watertown WI 53094

Phone: (800) 833-7036

Commercial Environmental Lab

Matrix: Aqueous

Oxygen Demand assays (BOD or cBOD)

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

Colorimetric or Nephelometric (turbidimetric)

- Ammonia as N
- Chemical Oxygen Demand
- Chloride
- Chromium (Hexavalent)
- Cyanide, Amenable
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phosphorus, Total

Gravimetric Assays - Residue (solids)

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

Gravimetric Assays - Hexane Extractable Materials (HEM)

- Oil&Grease, Hexane Ext. Material

Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

Titrimetric or Potentiometric Titration Assays

- Alkalinity
- Hardness, Total as CaCO₃
- Sulfide
- Sulfite

Cold Vapor Atomic Absorption or Hydride

Spectrometry

- Mercury

Inductively Coupled Plasma Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium

- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

Ultra-Low Level Metals Assays

- Mercury

Gas Chromatography (GC)

- * PCB as AROCLORS ANALYTE GROUP
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- Benzene
- Diesel Range Organics (DRO)
- Ethylbenzene
- Gasoline Range Organics (GRO)
- Methyl tert-Butyl Ether
- m-Xylene
- Naphthalene
- o-Xylene
- Petroleum Volatile Organic Compounds (PVOC)
- p-Xylene
- Toluene

Gas Chromatography-Mass Spectrometry (GC/MS)

- * VOC ANALYTE GROUP
- Petroleum Volatile Organic Compounds (PVOC)

High Performance Liquid Chromatography (HPLC)

- * PAH ANALYTE GROUP

Matrix: Drinking Water

Primary Inorganic Contaminants (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0

- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 300.0
- Nitrite - EPA 353.2

Primary Inorganic Contaminants (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.8
- Cadmium - EPA 200.8
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

Secondary Contaminants (Metals)

- Sodium - EPA 200.7

Trihalomethanes (THM)

- * THM ANALYTE GROUP - EPA 524.2

Volatile Organic Compounds (VOC)

- * VOCS, REGULATED ANALYTE GROUP - EPA 524.2

Matrix: Solid

Colorimetric or Nephelometric (turbidimetric)

- Ammonia as N
- Chloride
- Chromium (Hexavalent)
- Cyanide, Amenable
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phosphorus, Total

Gravimetric Assays - Residue (solids)

- Residue, Total

Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

Cold Vapor Atomic Absorption or Hydride

Spectrometry

- Mercury

Inductively Coupled Plasma Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)

- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
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Waste Characterization Extractions

- EPTOX Extraction
- SPLP Extraction
- TCLP Extraction

Waste Characterization Assays