

Siemens Water Technologies  
ID: 737053130  
301 West Military Road  
Rothschild WI 54474  
Phone: (715) 359-7226  
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
- Chlorophyll
- Chromium (Hexavalent)
- Cyanide, Amenable
- Cyanide, Total
- Fluoride
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Silica
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assays (probe, ISE)

- Fluoride
- pH
- Specific Conductance

#### Gravimetric Assays - Residue (solids)

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

#### Gravimetric Assays - Hexane Extractable Materials (HEM)

- Oil&Grease, Hexane Ext. Material

#### Ion Chromatography (IC)

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

#### Titrimetric or Potentiometric Titration Assays

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- 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
- Gold
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)

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

#### Gas Chromatography (GC)

- \* VOC ANALYTE GROUP
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Pentachlorophenol
- Petroleum Volatile Organic Compounds (PVOC)

#### Gas Chromatography-Mass Spectrometry (GC/MS)

- \* BNA ANALYTE GROUP
- \* PAH ANALYTE GROUP
- \* VOC ANALYTE GROUP

- Famphur
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Petroleum Volatile Organic Compounds (PVOC)
- Phorate

#### High Performance Liquid Chromatography (HPLC)

- \* PAH ANALYTE GROUP
- Formaldehyde

### Matrix: **Drinking Water**

#### Primary Inorganic Contaminants (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate - EPA 353.2
- Nitrate + Nitrite - 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 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- 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 (Non-Metals)

Alkalinity - Std Methods 2320B (18,19, or 20)

- Chloride - EPA 300.0
- Orthophosphate - EPA 365.1
- Sulfate - EPA 300.0
- TDS (Total Dissolved Solids) - Std Methods 2540C (18,19, or 20)

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Aluminum - EPA 200.8
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Manganese - EPA 200.7
- Manganese - EPA 200.8
- Silica - Std Methods 4500-Si-D (18 or 19)
- Silver - EPA 200.7
- Silver - EPA 200.8
- Sodium - EPA 200.7
- Zinc - EPA 200.7
- Zinc - EPA 200.8

#### SOC - Miscellaneous

- Dibromochloropropane (DBCP) - EPA

504.1

- Ethylene Dibromide (EDB) - EPA 504.1
- [Trihalomethanes \(THM\)](#)
- \* THM ANALYTE GROUP - EPA 524.2
- [Volatile Organic Compounds \(VOC\)](#)
- \* VOCS, REGULATED ANALYTE GROUP - EPA 524.2
- \* VOCS, UNREGULATED 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
- Phenolics, Total
- Phosphorus, Total

[Electrometric Assays \(probe, ISE\)](#)

- Fluoride
- pH
- Specific Conductance

[Gravimetric Assays - Residue \(solids\)](#)

- Residue, Total

[Ion Chromatography \(IC\)](#)

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

[Titrimetric or Potentiometric Titration Assays](#)

- Ammonia as N
- Chemical Oxygen Demand
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

[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
- Gold
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silicon
- Silver

- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

[Gas Chromatography \(GC\)](#)

- \* VOC ANALYTE GROUP
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum Volatile Organic Compounds (PVOC)

[Gas Chromatography-Mass Spectrometry \(GC/MS\)](#)

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

[High Performance Liquid Chromatography \(HPLC\)](#)

- \* PAH ANALYTE GROUP
- Formaldehyde

[Waste Characterization Extractions](#)

- EPTOX Extraction
- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

[Waste Characterization Assays](#)

- Corrosivity, Liquids
- Ignitability of Solids
- Ignitability, Pensky-Martens Closed Cup
- Paint Filters Liquids Test