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Commercial Environmental Lab

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**Matrix: Aqueous**

Oxygen Demand assays (BOD or cBOD)

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

Colorimetric or Nephelometric (turbidimetric)

- Chemical Oxygen Demand
- Chloride
- Hardness, Total as CaCO<sub>3</sub>
- Nitrate
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfate

Gravimetric Assays - Residue (solids)

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

Titrimetric or Potentiometric Titration Assays

- Alkalinity

Graphite Furnace Atomic Absorption Spectrometry

- Arsenic
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Selenium
- Silver

Inductively Coupled Plasma Emission Spectrometry (ICP)

- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Potassium
- Selenium
- Silver
- Sodium
- Zinc

Gas Chromatography-Mass Spectrometry (GC/MS)

- \* VOC ANALYTE GROUP

**Matrix: Solid**

Gravimetric Assays - Residue (solids)

- Residue, Total

Inductively Coupled Plasma Emission Spectrometry (ICP)

- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Potassium

- Selenium
- Silver
- Sodium
- Zinc

Gas Chromatography-Mass Spectrometry (GC/MS)

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