

Wastewater Analysis Services

Physico-Chemical Parameters

Parameters	Test-method
Ammonia	Phenate Method
BOD	5 days BOD Test
Chloride	Argentometric Method
COD	Open Reflux Method
Colour	Visual Comparison Method
DO	Azide Modification Method
Electrical Conductivity	Laboratory Method
Nitrate	UV Spectrophotometric Screening Method
Nitrite	Colorimetric Method (Spectrophotometer)
Oil and Grease	Liquid-Liquid Partition Gravimetric Method
Orthophosphate	Ascorbic Acid Reduction Method
pH	Electrometric Method
Volatile solids	Fixed & Volatile Solids Ignited at 550°C
Organic Nitrogen	Semi-Micro- Kjeldahl Method
Phenol	Direct Photometric Method
Sulfide	Iodometric Titration
Temperature	Thermometer
Total Alkalinity	Titrimetric Method
Total Dissolved Solids	Total Dissolved Solids Dried at 180°C
Total Solids	Total Solid Dried at 103°-105°C
Total Phosphorus	Ascorbic Acid Reduction Method
Total Suspended Solids	Total Suspended Solid Dried at 103°-105°C
Turbidity	Nephelometric Method
Volatile Suspended Solids	Fixed & Volatile Solids Ignited at 550°C

Wastewater Analysis Services

Physico-Chemical (Metal & Metalloids)

Parameters	Test-method
Arsenic	Conitnuou Hydride GenerationMethod/AAS method
Potassium	Flame photometric method.
Selenium	Conitnuous Hydride Generation/AAS method
Silver	Direct Air-Acetylene Flame Method
Cadmium	Direct Air-Acetylene Flame Method
Cobalt	Direct Air-Acetylene Flame Method
Copper	Direct Air-Acetylene Flame Method
Hexavalent chromium	Colorimetric method
Iron	Direct Air-Acetylene Flame Method
Lead	Direct Air-Acetylene Flame Method
Manganese	Direct Air-Acetylene Flame Method
Mercury	Cold Vapor Atomic Absorption Method.
Nickel	Direct Air-Acetylene Flame Method
Zinc	Direct Air-Acetylene Flame Method
Total Chromium	Direct Air-Acetylene Flame Method

Microbiological Parameters

Parameters	Test-method
Faecal coliform	Membrane Filtration Method
Helminths	Zinc Floatation Method
Total Coliform and E. coli	Membrane Filtration Method