

Standard Methods Used In Chemical Analysis of Liquid Samples

Parameters	Methods
Biochemical Oxygen Demand (BOD)	APHA 5210B: 5-Day BOD Test
Chemical Oxygen Demand (COD)	APHA 5220B : Open Reflux Method
Total Suspended Solid (TSS)	APHA 2540D: Total Suspended Solids Dried at 103-105°C
Ammonia nitrogen	HACH 2005 Method 8038: USEPA Nessler Method
Phosphate	HACH 2005 Method 8007: Persulfate Oxidation PhosVer 3
Nitrate	HACH 2005 Method 8039: Cadmium Reduction Method
Sulphate	HACH 2005 Method 8051: SulfaVer 4 Method
Heavy metals	APHA 3125: Inductively Coupled Plasma Mass Spectrometry (ICPMS) method
Oil and grease	APHA 5520G : Gravimetric Method
<i>E.coli</i>	APHA 9222: Membrane Filter Technique medium m-ColiBlue24 Broth