



# Laboratory Analysis Services

Certified with ISO/IEC 17025, Trienekens’ in-house laboratory also functions as an independent commercial laboratory offering a wide range of laboratory analysis services.

Committed to providing efficient services of the highest quality; customers are assured of reliable, accurate and consistent results with the strictest confidentiality.

## LABORATORY ANALYSIS SERVICES

Effluent from palm oil mills	
pH	Total Solid
Biological Oxygen Demand (BOD <sub>3</sub> )	Chemical Oxygen Demand (COD)
Total Suspended Solids (TSS)	Ammonical Nitrogen
Total Nitrogen	Oil and Grease
Soil, sludge, sediment, solid waste	
Calorific value	Moisture content
Oil content	Elemental analysis
Volatile Suspended Solids	Toxicity Characteristic Leaching Procedure (TCLP)
Petroleum products	
Oil content	Elemental analysis
Water content	Specific gravity
Calorific value	Viscosity
Density	Total Sulfur

# LABORATORY ANALYSIS SERVICES

## Drinking water, wastewater effluent, sewage, leachate

Temperature	Colour
pH	Phenol
Biological Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)
Total Suspended Solids (TSS)	Ammonical Nitrogen
Barium	Boron
Cyanide	Fluoride
Oil and Grease	Formaldehyde
Sulfide	Alkalinity
Bromine	Chloride
Chlorine	Conductivity
Dissolved Oxygen	Iodine
Nitrate-N	Nitrite-N
Turbidity	Hardness
Phosphate	Total Solid
Arsenic	Lead
Cadmium	Manganese
Chromium	Mercury
Copper	Nickel
Iron	Selenium
Silver	Tin
Zinc	Aluminium
Beryllium	Molybdenum

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