

Environmental Laboratory Analyses user pricelist (prices quoted per sample, excl VAT)

Services offered	Method/Range	Projects for external clients
Standard Soil analysis	pH, AAS (Na, K, Ca, Mg), spectrophotometer	90
Standard Soil analysis with additional trace elements	pH, AAS (Na, K, Ca, Mg, Mn, Fe, Cu, P, Zn), spectrophotometer	110
Standard Plant analysis	AAS (Na, K, Ca, Mg, Mn, Fe, Cu, P, Zn)	110
Light elements analysis	Elemental analyser (C, N, H)	110
Anion analysis (additional R22.00 for Soil samples)	Ion Chromatography	83
pH or Ec or Redox potential or spectrophotometry	pH or Ec or Redox potential or spectrophotometry	25
Titrations for carbonates and bicarbonates	wet chemical titration	50
Walkley Black titration	wet chemical titration	100
XRF major element fused bead analysis on rocks or soils	XRF (SiO ₂ , TiO ₂ , Al ₂ O ₃ , Total Fe ₂ O ₃ , MnO, MgO, CaO, Na ₂ O, CaO, P ₂ O ₅ , Cr ₂ O ₃ , LOI determination)	230
XRF trace element pressed pellet analysis on rocks or soils	XRF (Zn, Ni, Cr, V, Ga, Ba, Rb, Sr, Y, Nb, Zr, U, Th, Pb, Ce, La, Nd)	200
XRF major element on pressed pellet (Cu Matte)	Cu, Co, Ni, Pb, Fe, S	120
XRF calibration for additional element analysis on rocks or soils (price per additional element)	XRF method determined by element abundance and sample type	350

Sample preparation pricelist (if samples are not handed in to the laboratory in the form ready for analysis)

Services offered	Technique used for sample preparation	Projects for external clients
XRF crushing	Jaw crusher	30
XRF milling	Zibb milling	50
XRF fused bead for ICP analysis	Fusion disc (milled powder supplied by client)	70
Rock/soil acid digestion	Digestion in water bath	120

Water analysis

Test	Method/Range	Projects for external clients
Aerobic colony count	Plate count agar	35
Heterotrophic plate count bacteria	R2A agar	80
Total coliforms (Not Drinking Water)	Petrifilm (Membrane filter)	90
Faecal coliforms (Not Drinking Water)	Petrifilm (Membrane filter)	90
Escherichia coli (Not Drinking Water)	Petrifilm (Membrane filter)	90
Total coliforms and E.coli (Not Drinking Water)	VRB agar + MUG	100
Pseudomonas spp.	Membrane filtration	90
Klebsiella	Membrane filtration	90
Faecal coliforms and E.coli (Not drinking water)	Multiple Tube Fermentation (MPN)	120
Faecal coliforms and E.coli (Not drinking water)	Multiple Tube Fermentation + MUG supplement (MPN + MUG)	140
Total coliforms and E.coli (Drinking water)	Collert	220
Total coliforms and E.coli (Not Drinking Water)	Collert	250

Water analysis continue		
Test	Method/Range	Projects for external clients
Ammonium	0.01 - 2.00 mg/l	60
Ammonium	0.20 - 8.00 mg/l	60
Biological oxygen demand (BOD)	0.5 - 3000 mg/l	90
Chemical oxygen demand (COD)	4 - 40 mg/l	100
Chemical oxygen demand (COD)	10 - 150 mg/l	100
Chemical oxygen demand (COD)	25 - 1500 mg/l	100
Chemical oxygen demand (COD)	500 - 10 000 mg/l	100
Dissolved organic carbon (DOC)	5 - 80 mg/L	200
Dissolved organic carbon (DOC)	50 - 800 mg/l	180
Nitrogen	0.5 - 15 mg/l	100
Nitrogen	10 - 150 mg/l	55
Phosphate (PO4-)	0.05 - 5.00 mg/l	90
Total cyanide	0.002 - 0.5 mg/l	200
Total organic carbon (TOC)	5 - 80 mg/L	200
Total organic carbon (TOC)	50 - 800 mg/l	180
Dissolved oxygen (On site service)	All	70
Turbidity	All	25
K	AAS	50.00
Na	AAS	50.00
Ca	AAS	50.00
Mg	AAS	50.00
SO4 ²⁻	IC	100.00
Cl-		
Nitrate, Nitrite		
F-, Br-		
Conductivity (Ec)	Probe with calibration solution	20.00
pH	Probe with calibration solution	20.00
Alkalinity	Titration	50.00
Total Dissolved Solids	Probe with calibration solution	20.00
Suspended Solids	Physical method	70.00
Settleable solids	Physical method	23.00
Sb	Trace and Ultra-trace element analysis by ICP-MS Laboratory	250
Al		
V		
Cd		
Cr		
Co		
Cu		
Fe		
Pb		
Se		
Mn		
Ni		
Zn		
As		
Hg		