

Rates for Laboratory Analysis and using Laboratory Equipment at PGIS

1. Analysis of normal metal & heavy metal in Drinking water/Waste water

Metal	Technique	Rate (LKR)	Special discount
Aluminum (Al)	MPAES	1800	20% (Samples> 20)
Barium (Ba)	MPAES	1800	
Cadmium (Cd) – (Total)	MPAES	2000	
Calcium (Ca)	MPAES	1400	20% (Samples> 20)
Chromium (Cr) - (Total)	MPAES	2000	20% (Samples> 20)
Cobalt (Co)	MPAES	1800	20% (Samples> 20)
Cuppr (Cu) (Total)	MPAES	2000	20% (Samples> 20)
Lead (Pb) - (Total)	MPAES	1500	
Magnesium (Mg)	MPAES	1400	
Manganese (Mn)	MPAES	1000	20% (Samples> 20)
Molybdenum (Mo)	MPAES	2500	
Nickel- (Total)	MPAES	1500	
Potassium (K)	MPAES	1400	20% (Samples> 20)
Sodium (Na)	MPAES	1500	20% (Samples> 20)
Titanium (Ti)	MPAES	1800	
Total Iron (Fe)	MPAES	1000	20% (Samples> 20)
Vanadium (V)	MPAES	1800	
Zink (Zn)	MPAES	1500	

2. Analysis of normal metal & heavy metal in Soil/Sediment/Sludge

Metal	Technique	Rate (LKR)	Special discount
Aluminum (Al)	MPAES	1800+P +D*	20% (Samples> 20)
Barium (Ba)	MPAES	1800+P +D*	
Cadmium (Cd) – (Total)	MPAES	2000+P +D*/2000	20% (Samples> 20)
Calcium (Ca)	MPAES	1500+P +D*	20% (Samples> 20)
Chromium (Cr) - (Total)	MPAES	1950+P +D*/2000	20% (Samples> 20)
Cobalt (Co)	MPAES	1800+P +D*	
Coppr (Cu) (Total)	MPAES	2000+P +D*	20% (Samples> 20)
Lead (Pb) - (Total)	MPAES	1500+P +D*	
Magnesium (Mg)	MPAES	1400 +P +D*	20% (Samples> 20)
Manganese (Mn)	MPAES	1400+P +D*	
Molybdenum (Mo)	MPAES	2750+P +D*	
Nickel- (Total)	MPAES	1500+P +D*	
Potassium (K)	MPAES	1400+P +D*	20% (Samples> 20)
Silicon (Si)	MPAES	1800+P +D*	20% (Samples> 20)
Sodium (Na)	MPAES	1400+P +D*	20% (Samples> 20)
Titanium (Ti)	MPAES	1800+P +D*	
Total Iron (Fe)	MPAES	1400+P +D*	20% (Samples> 20)
Vanadium (V)	MPAES	1800+P +D*	
Zink (Zn)	MPAES	1500+P +D*	

MPAES - microwave plasma atomic emission spectrophotometer

P – Cost for the relevant sample preparation techniques(see Table 1)

D* Cost for the relevant Decomposition/Extraction techniques(see Table 1)

3. Rates for sample preparation (p) and extraction /digestion (D*) for MPAES analysis

Preparation/Extraction /digestion technique	Description	Rate/LKR
Drying &Preparation (P)		1200
Microwave digetion of soil/sedmiment aqua regia(D*)	ASTM/USEPA methods	1800
Total Microwave digetion of soil/sedmiment using HF addition to aqua regia (D*)	ASTM/USEPA methods	2750