

Prep Charges

Metals & Catalysts - \$45 each

Jaw Crush Pulverize Grind Dry Drill
Composite Moisture Shred

Digests & Extractions - \$45 each

Acid Digest Fusion Leach Extraction

Water & Soil \$45 each

Filter Separate Composite

Special Digests & Extractions \$200

TCLP Extraction Microwave

Petroleum Products, Chemicals, Polymers \$200

Extraction/Leach Microwave

Wet /Dry Ash Oxygen Combustion Dilution/Dissolution

Disposal/Return Fee \$30.00 (per group)

If large sample size submitted, \$60 per sample
If submitted in large metal can, sample disposal may be greater

Disposal Fee (Liquid Organics) \$50 per sample

1-2 day Rush 100%, Same Day Rush 200%

Weekend 300%, Holiday 400%

Fire Assay
Prep \$150 + \$65 per precious metal

API Mineral Pattern Analysis, Water \$375.00

Anions: Chloride, Sulfide as H₂S, Sulfate, Carbonate, Bicarbonate.

Cations: Na, K, Ca, Mg, Ba, Fe, Sr, TDS; Ion Balance, pH, Specific Gravity, Conductivity
If done separately, would cost \$1080

Conventional Analysis

Total Metals(As,Se,Cd,Cr,Ba,Hg,Pb,Ag)	400.00
TCLP Metals (As,Se,Cd,Cr,Ba,Hg,Pb,Ag)	400.00
13 EPA Metals—Priority Pollutants in Water (Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, Zn)	350.00
200.8 Trace Metals—Primary Drinking Water (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Ti, Th, U, V, Zn)	355.00
Oil & Grease	85.00

Precious Metals

Precious Metals by ICP-MS \$65 each metal
Au, Ag, Pt, Pd, Ir, Os, Rh, Ru

Acidity, as Calcium Carbonate	45.00
Alkalinity, as Calcium Carbonate	45.00
Carbon, LECO	65.00
Color, Pt/Co units	50.00
Conductivity	50.00
Hardness, Total	50.00
Crush Strength, Radial or Axial	250.00
pH	40.00
Solids	
Total	50.00
Dissolved	50.00
Suspended	50.00
Specific Gravity	50.00
Turbidity	50.00
Bicarbonate	75.00
Carbonate, CO ₃	75.00
Chloride (Colormetric)	85.00
Chloride (Turbidimetric)	85.00
Chromium +6 Hexavalent	85.00
Fluoride	85.00
Hydroxide, OH	50.00
Iodide	65.00
Nitrogen	
Ammonia, NH ₃	85.00
Ammonium, NH ₄	85.00
Nitrate, NO ₃	85.00
Nitrite, NO ₂	85.00
Phosphate	
Total	65.00
Ortho	65.00
Silica, SiO ₂	65.00
Sulfate, SO ₄	65.00
Sulfide, S ₂	85.00
Sulfur, LECO (catalysts) DL= 100 PPM	65.00
Turbidity	75.00

Petroleum & Organic Fractions

Mercury—Gas/Liquid (DL=2PPB) includes. prep	350.00
Arsenic (DL=10PPB) (includes prep)	275.00
Metals (DL=10PPB)	65.00
25 Metal Scan (DL=10PPB)	475.00
Ash Wt. % Residue	100.00
Evaporation/Ignition	95.00
Sulfated Ash	135.00
Chloride or Fluoride	250.00
Chloride or Fluoride in Gas	250.00
Sulfur in Gas (includes Prep)	275.00

Multi-Element Metals Analysis

Major Metals by ICP

12 Base Metals	250.00
25 Metals	475.00
41 Metals	595.00
Rare Earth Analysis	
Ce, Pr, Nd, Sm, Eu, Gd, Dy, Yb, Lu	300.00
Metals (Organic or Inorganic)	65.00 each

25 Metals: Al, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Si, Sn, Sr, Ti, V, Zn, Zr

41 Metals: Al, Ag, Au, Ba, Be, Bi, B, Ca, Cd, Cr, Co, Cs, Cu, Ga, Ge, In, Fe, Pb, Li, Mg, Mn, Mo, Na, Ni, K, P, Pd, Pt, Sb, Se, Si, Sn, Sr, Ti, Ta, Tl, W, V, Zn, Zr

Base Metals: Al, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Ti, V, Zn

Product & Chemical Specification Analysis

Assay	130.00
Residue after Ignition	100.00
Residue after Evaporation	50.00
Residue after Reduction	100.00
Insoluble Matter	65.00
Acid Insolubles	90.00
Soda Insolubles	90.00
Loss on Fusion (950 C)	65.00
Loss on Drying	45.00
Bulk Density	50.00
Heavy Metals, as Pb	200.00
Mercury	350.00
Alkalinity	95.00
pH	40.00
Chloride	250.00
Fluoride	250.00
Sulfate	85.00
Nitrate	85.00
Nitrogen Compounds, as N	135.00
Titration Acid	70.00
Titration Base	70.00
Color	75.00
Solubility	55.00
Appearance	45.00

Glass Bead Analysis

3 elements by EPA 3052 & 6010
for state certification \$250.00
(includes prep)