

# ACZ Laboratories, Inc.

A Full Service Environmental Testing Laboratory

## Low Level Metals Analysis via ICP-MS

ACZ has a long standing reputation as one of the top laboratories in the United States for low level metals analysis.

ACZ has the experienced staff, class 100 cleanroom and instrumentation to produce high quality, defensible data, regardless of the sample matrix.



*ACZ Analyst in Class 100 Cleanroom*

### Low level metals analysis is available on many matrices including:

Groundwater • Surface Water • Wastewater • Soils • Sediments • Tailings • Overburden • Waste Rock  
Air Filters • Plant & Animal Tissue • Blood & Urine (Bioassay) • Food & Beverage • Dietary Supplements

### Trace Metals Analysis:

Parameter	ug/L	Parameter	ug/L	Parameter	ug/L
Aluminum (Al)	1	Chromium (Cr)	0.5	Silver (Ag)	0.05
Antimony (Sb)	0.4	Cobalt (Co)	0.05	Thallium (Tl)	0.1
Arsenic (As)	0.2	Copper (Cu)	0.5	Thorium (Th)	1
Barium (Ba)	0.5	Lead (Pb)	0.1	Tin (Sn)	0.1
Beryllium (Be)	0.05	Manganese (Mn)	0.5	Titanium (Ti)	0.2
Boron (B)	0.5	Molybdenum (Mo)	0.5	Uranium (U)	0.1
Cadmium (Cd)	0.1	Nickel (Ni)	0.6	Vanadium (V)	0.2
Cesium (Cs)	0.2	Selenium (Se)	0.1	Zinc (Zn)	2

### Rare Earth Element Analysis:

Parameter	ug/L	Parameter	ug/L	Parameter	ug/L
Cerium (Ce)	0.1	Holmium (Ho)	0.1	Samarium (Sm)	0.1
Dysprosium (Dy)	0.1	Lanthanum (La)	0.1	Terbium (Tb)	0.1
Erbium (Er)	0.1	Lutetium (Lu)	0.1	Thulium (Tm)	0.1
Europium (Eu)	0.1	Neodymium (Nd)	0.1	Yttrium (Y)	0.1
Gadolinium (Gd)	0.1	Praseodymium (Pr)	0.1	Ytterbium (Yb)	0.1
		Scandium (Sc)	0.1		

For more information visit ACZ online: [www.acz.com](http://www.acz.com)

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