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Tucson Laboratory

The ALS Environmental laboratory in Tucson, Arizona has offered a variety of analytical testing services since 1980, including micro-elemental testing, fuel testing for power generation, environmental testing of water and soils, analyses of soil and waste-rock for acid generation potential, agronomic analyses, and leaching/attenuation studies for the mining industry. Analytical services are provided to a variety of industries, including pharmaceutical, biotech, chemical, electronic, power generation, mining, and environmental consulting. This facility also provides analytical services to many of the government and academic research laboratories across the country. The staff includes highly trained and degreed chemists who are dedicated to providing clients with high quality data and service.

The Tucson laboratory is one of the only full service Micro-Elemental laboratories in the Southwest. We have provided thousands of clients worldwide with high quality data and services since 1980. Since 2005, we have expanded our services to include fuel testing for power generation, environmental analyses of water and soils, and soil and waste-rock testing for the mining industry.

Our Expertise Includes

- Acid - Base
- Air Quality and Industrial Hygiene
- Analytical Method Development
- Boiler MACT
- Elemental / Micro-elemental
- Fish Tissues
- Fuel and Biofuel
- General Services
- Grain Size
- Greenhouse Gas
- Impurity Profiles, Degradation & Contaminant Studies
- Industrial Hygiene
- Karl Fischer Water Determination
- Mercury, low level
- Metals
- Physical and Agriculture Soil
- Raw Materials
- ROHS/WEEE
- Sediment
- Solid & Hazardous Waste
- Stack
- Sulfur
- Treatability Studies
- Ultimate/Proximate
- Wastewater & Sludge
- Wet Chemistry

Mining

Analytical services are provided to the mining industry to help identify and treat sources of acid mine (or acid rock) drainage and the corresponding leaching of heavy metals into the environment. Our Tucson lab performs analyses of soil, waste rock, and spent ore for:

- Acid Generation Potential (Sulfur – total and forms)
- Neutralization Potential
- Net Acid Generation
- Heavy Metals Analyses
- Meteoric Water Mobility
- Humidity Cell Testing
- Column Leach/Attenuation Studies
- Effluent Treatability Studies
- General Agronomic Soil Tests



For more information, scan the QR code or visit www.alsglobal.com/environmental/laboratories/tucson-environmental-lab.aspx



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