

ACZ Laboratories, Inc.

A Full Service Environmental Testing Laboratory

Gamma Analysis via EPA 901.1

ACZ Laboratories has extensive experience analyzing Naturally Occurring Radioactive Materials (NORM) and Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) via EPA Method 901.1 Gamma Emitting Radionuclides Analysis on many matrices including:

**Drinking Water, Waste Water, Groundwater, Surface Water, Sediment,
Soil, Core Samples, Tailings, Waste Rock and Food Products**

Following the Fukushima Daiichi nuclear incident, ACZ has been supporting multiple importers of raw food and beverage products produced in Japan with radiochemical testing support. Radiological analysis routinely performed are based on the U.S. Food and Drug Administration Derived Intervention Levels (DILs) for food products via Gamma Spec and include Cs-134, Cs-137 and I-131. ACZ has the capability to see well below the DILs established by the U.S. FDA for I-131, Cs-134, & Cs-137 when sufficient sample quantity is provided.

ACZ routinely tests for the following isotopes
(many other isotopes are available upon request):



Ac 228
Ba 133
Bi 212
Bi 214
Cd 109

Ce 139
Cs 134
Cs 137
Co 56
Co 57
Co 58

Co 60
I 131
Pb 210
Pb 212
Pb 214
K 40

Tl 201
Th 227
Th 234
U 235
Zn 65



ACZ can also measure counts per second (CPS) across the broad spectrum in order to satisfy regulatory requirements for the coal mining industry.

About ACZ

ACZ is NELAP accredited and holds certifications in most western states. ACZ's 31,000 sq. ft. state-of-the-art facility and highly experienced staff ensure the support of large projects, while still providing superior personalized customer service.

ACZ provides our clients high quality data in a timely manner. A commitment to quality and extensive experience make ACZ the right choice for your analytical service needs.

For more information visit ACZ online: www.acz.com

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