



6790 KITIMAT RD, UNIT 4
MISSISSAUGA, ON, L5N 5L9
TOLL FREE: 1-877-726-3080
DIRECT: 1-905-826-3080
e-mail: info@becquerellabs.com
www.becquerellabs.com

Becquerel at a Glance

- Founded in 1982, Becquerel operates out of a 7500 sq ft facility in Mississauga, Ontario.
- Personnel consist of highly skilled scientists, each with specialized expertise that, collectively, covers a broad range of applications and disciplines.
- Becquerel specializes in **Neutron Activation Analysis** and **Radioactivity Analysis** of Environmental Samples to meet the unique and specific needs of clients in the industrial, environmental, agricultural and health sectors.

Neutron Activation Analysis (ISO 17025:2005 / SCC)

- A non-destructive, inorganic, trace-level, multi-element analysis technique.
- **Quality:** Minimal sample prep. No digestions. The National Institute of Standards and Technology (NIST) recognize NAA as an independent "referee method".
- **Flexibility:** Unlike traditional methods, NAA is matrix independent. Tested matrices have included: sediment, rock, coal, ash, polymer, liquid, vegetation, biological, pharmaceutical, quartz, pure metals, etc.
- **Analytes Include:** F, Cl, Br, I, As, Sb, Au, U, W plus many others.
- **Consultative:** Continually customizing experimental conditions to meet client's individual requirements. 1, 2, 10, 50+ elements in our characterization package.

Radiological Testing (ISO 17025:2005 / SCC)

- 25 years analyzing Radioactivity & Naturally Occurring Radioactive Materials (NORM)
- **Radionuclides Include:** gross α / β , tritium, radium isotopes, uranium / thorium isotopes and decay chains, and all specific NORM isotopes.
- **Methods Include:** α and gamma spectrometry, gas flow proportional counting, liquid scintillation on solid, liquid and biological matrices.
- MOE licensed for **Radiological Analysis of Drinking Waters**.
- **MMER Analysis:** Satisfies effluent requirements for Radium -226 analysis set out by federal legislation.

SPECIALIZING IN NEUTRON ACTIVATION & RADIOLOGICAL TESTING