



RADIATION ANALYTICAL SERVICES

If your organisation deals with potentially radioactive substances, you may need to determine radioactivity levels and identify specific radionuclides for a variety of reasons, including:

- Regulatory compliance
- Routine monitoring
- Contamination checks
- Waste management
- Environmental and health impact assessment

WHY CHOOSE RADIATION ANALYTICAL SERVICES FROM SGS?

Our highly qualified staff can provide expert advice on radiological testing for your specific purposes and can assist you with all aspects of sampling and analysis in the field.

We provide an extensive range of analytical services to determine radioactivity levels and specific radionuclides for a variety of sample types. Our services are NATA accredited (ISO 17025) and cover the routine testing of radioactivity in almost any sample matrix, including:

- Water (e.g. environmental or potable)
- Soil, sediments, sludge
- Mineral sands
- Vegetation (plant material, wood, etc)
- Food products (solid and liquid)
- Airborne dust
- Air filters (HVAS, personal filters etc.)
- Ambient air (i.e. radon and thoron in air)
- Wipe testing (analysis of surface contamination wipes)

We can report for a wide range of natural and anthropogenic radionuclides including:

- Gross alpha and beta
- NORM
- Uranium-238 chain radionuclides: U-238, U-234, Th-234, Th-230, Ra-226, Pb-210
- Thorium-232 chain radionuclides: Th-232, Ra-228, Th-228, Ra-224

- Uranium-235 chain radionuclides: U-235, Th-227, Ra-223
- Radon (Rn-222) and thoron (Rn-220)
- K-40
- Tritium (H-3)
- Ni-63
- Cs-137, Am-241, Co-60

CONTACT US TO LEARN HOW RADIATION ANALYTICAL SERVICES CAN HELP YOU TO MEET SAFETY STANDARDS.

SGS ENVIRONMENT, HEALTH AND SAFETY

Adelaide, Brisbane, Cairns, Chinchilla, Mackay, Melbourne, Newcastle, Newman, Perth, Shepparton, Sydney, Townsville, Traralgon

Phone: 1300 765 725
Email: au.enviro@sgs.com
Website: www.sgs.com.au