

Analytical Services

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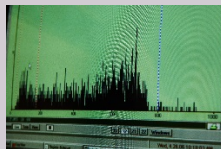
Email: analyticalservices@woodplc.com

Website: <https://www.woodplc.com>

Capability

- ▶ Radiochemical analysis of a wide range of materials, including building materials, waste and environmental
- ▶ Chemical analysis of radioactively contaminated material
- ▶ Radiochemical and chemical analysis of asbestos contaminated material (ACM)
- ▶ Non-destructive gamma depth profiling
- ▶ Radioanalytical method development and consultancy

Laboratory Equipment	Resource
<ul style="list-style-type: none"> ▶ Sample preparation facilities for active samples including, grinders, crushers and a core cutting box ▶ 4 HEPA cabinets for processing ACM ▶ 8 high-purity germanium gamma detectors including 4 automatic sample changers ▶ 6 ultra low-level liquid scintillation counters ▶ 80 alpha spectrometer detectors ▶ Gas-flow proportional counters (32 positions) ▶ Combustion furnaces for tritium analysis (48 positions) ▶ 2 Radprofiler™ gamma depth profilers ▶ Quadrupole inductively-coupled plasma mass spectrometer ▶ Induction coupled plasma optical emission spectrometer ▶ Access to a wide selection of chemical analysis equipment (via subcontract) 	<ul style="list-style-type: none"> ▶ 36 full time equivalent scientific staff to support radiochemical analysis ▶ 5 educated to Ph.D. level ▶ Experienced consultants ▶ Access to chemical analysis expertise



Key Benefits to Customer

- ▶ Radiochemical and chemical analysis of a wide range of materials, including ACM, to support decommissioning and land investigations
- ▶ Quality assured service (UKAS accreditation for many analyses)
- ▶ Experience in providing analytical solutions for “non-standard” sample types
- ▶ Demonstrable experience in supporting the nuclear industry, including Sellafield Ltd