



Minerals, environmental and healthcare testing



The expertise of Sheffield Assay Office's Analytical Services has many applications within the important area of Minerals, Health care and Environmental Analysis.

Examples of areas in which the services prove invaluable include:

- Element migration and elution studies
- Inorganic testing for materials used in medical applications
- Contaminated Land/Soils analysis
- Air monitoring IPPC - Integrated Pollution Prevention and Control analyses
- Analysis of dusts, powders and residues
- Effluent and process water control
- Mineral and leaching process and trace analysis
- Medical sample studies



Main Switchboard:

0114 231 2121

Analytical Services:

0114 231 8160

info@assayoffice.co.uk

www.assayoffice.co.uk/analytical-services



Our experience and expertise in analysis is used and trusted by many organisations to ensure exacting standards are met.

Sheffield Assay Office Analytical Services has built an excellent reputation for a user-friendly, interactive and confidential service that responds sensitively to the individual and specific needs of our many and varied customers.

Instrumentation

ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry)

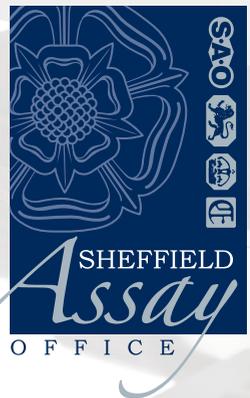
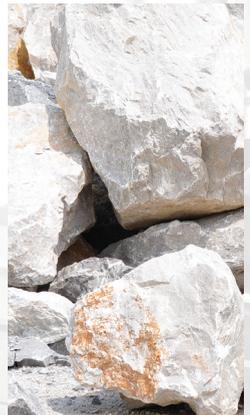
This is hi-tech analysis capable of reporting up to 56 elements simultaneously and is eminently suitable for as-supplied liquid samples and samples that respond to dissolution.

ICP-MS (Inductively Coupled Plasma-Mass Spectrometry)

This state-of-the-art instrument with Octapole Reaction Cell technology, provides the unchallenged capability to determine a range of elements in various sample matrices down to sub parts per billion.

Services Options

- Our standard turnaround is within 10 working days. In addition, rapid service is also available for 24hours, 2-3 day and 5 day.
- Samples collection may be offered depending on volume and location.
- Validation and/or long term studies be assessed to establish testing parameters and agree lead-time and testing



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