

Elemental analysis

The School of Chemistry is able to provide elemental analysis. Our primary instrument is a CE Instruments EA1110 elemental analyser, dedicated to the determination of the amounts (%) of carbon, hydrogen and nitrogen in organic and inorganic samples produced within the School and externally.

The EA1110 is based on a dynamic flash combustion and G.C. separation system that gives an accurate and precise analysis of any sample in less than 10 minutes. We analyse samples for other Schools within the University and from external commercial companies. Some examples of the samples we analyse include:

- Organic compounds
- Pharmaceuticals
- Organometallics
- Petrochemicals
- Carbides & nitrides
- Polymers
- ...and your samples

If you wish to discuss elemental analysis please ring Dr N Spencer on 0121 414 4419/4421 or email at n.spencer@bham.ac.uk (<mailto:n.spencer@bham.ac.uk>).

You can submit a query or obtain a quotation through our an [online form \(http://www.chem.bham.ac.uk/industry/contact.shtml\)](http://www.chem.bham.ac.uk/industry/contact.shtml).

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