



Sample submission forms can be found at: elementallab.co.uk/submit-a-sample

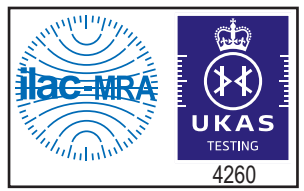
Sample Size Requirements

Analysis Type	Test	ISO 17025 accredited	Anticipated %/Ideal Sample Size			Limit of Detection
			<1%	1% to 5%	>5%	
Organic	CHN Analysis	Yes	>20 mg	>10 mg	>2 mg	0.01%
Organic	Oxygen	Yes	>40 mg	>20 mg	>2 mg	0.05%
Organic	Total Organic Carbon	Yes	>100 mg	>20 mg	>5 mg	0.01%
Organic	Sulfur	Yes	>20 mg	>10 mg	>2 mg	0.02%
Organic	Nitrogen / Protein	Yes	>300 mg	>200 mg	>100 mg	0.03%
IRMS	¹³ C/ ¹² C or ¹⁵ N/ ¹⁴ N		>25 mg	>25 mg	>25 mg	N/A
Halogens by IC	F/Cl/Br/I		>100 mg	>10 mg	>10 mg	ppb
Inorganic	Fe Base, Cu Base, Trace Elements, Minerals		>1 g*	>1 g*	>1 g*	Contact us
Inorganic	Raw Material		>50 g*	>50 g*	>50 g*	Contact us

*Dependent on required procedure. Sample preparation can be performed by the laboratory. Contact us for details

Call: +44 (0)1837 54446 | Email: enquiries@microanalysis.co.uk

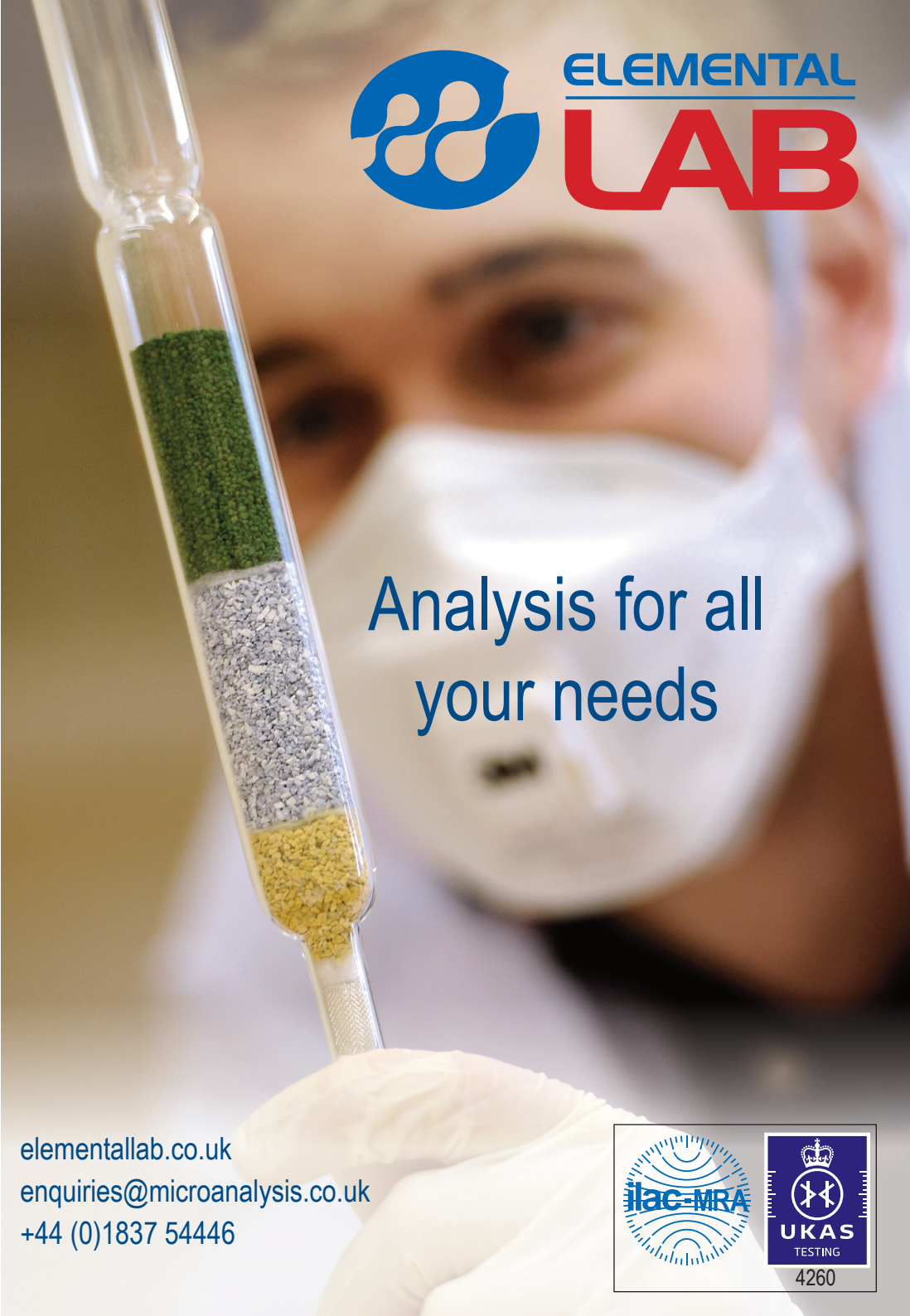
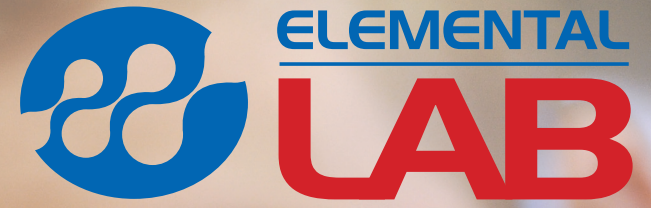
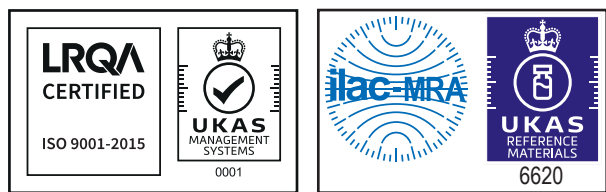
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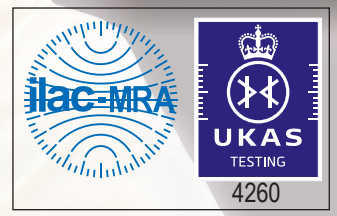


Elemental Microanalysis holds the following accreditations:



Analysis for all your needs

elementallab.co.uk
enquiries@microanalysis.co.uk
 +44 (0)1837 54446





Timely. Tested. Trusted.

Results to meet your schedule.

Choose from standard (5-day) or expedited services.

ISO 17025 accreditation: UKAS Accredited Testing Laboratory No. 4260.

Company Management System holds full approval to ISO 9001.

Since 1976 we have offered fast, accurate elemental analysis to our customers.

Today we offer expanding services to all sectors of the analytical world.

Our analysts have particular expertise in handling and analysis of air sensitive and liquid samples, providing accurate, reliable results. Our instruments are calibrated using NIST traceable ISO 17034 certified reference standards, and our laboratory routinely uses consumables produced by our ISO 9001 accredited company.

Analysis options include single, duplicate or triplicate replicates. We offer a 5-day turn-around time for CHN/O/S as standard, or an expedited service for a small added charge. Contact us for details.

By offering a dynamic array of options for both the number of replicates and analysis timing, we aim to best serve any individual lab needs.

Our testing expertise covers a diverse range of sample types and applications. We routinely analyse anything from synthesised chemicals to natural materials; from oils to rubber; from pharmaceuticals to polypeptides.

Organic Analysis

Our ISO 17025 UKAS accredited analysis service for organic samples includes CHN, O, S, and N/protein analysis. Samples can be analysed in single, duplicate or triplicate, with a sample preparation service if required.

Air Sensitives Analysis

Our laboratory has proficiency in handling air sensitive organic and TOC samples within our scope of accreditation.

TOC Analysis

We offer Total Organic Carbon analysis for organic samples, also within our scope of accreditation; duplicate analysis ensures accurate results.

Halogen Analysis

Our halogen analysis for F, Cl, Br and I uses oxygen flask combustion prior to ion chromatography, with results in less than 10 business days.

IRMS (Stable Isotope) Analysis

Our service focuses on ¹³C/¹²C and ¹⁵N/¹⁴N isotope ratios; samples are analysed by continuous flow IRMS.

Inorganic Analysis

We offer elemental analysis of metals, minerals, raw materials, and oxidic substances; specialising in trace elements.

We invite you to join a growing number of customers who draw upon our expertise in obtaining reliable results for elemental determination.

Whether you have a single sample, or an on-going research program, we offer you commitment to precision and accuracy at an affordable price. We won't keep you waiting for your results either!

