

# New Product Information

## Synthetic sediment IRMS standard for TC, TOC, N & S

Elemental Microanalysis is pleased to announce a new product from our R&D department — a synthetic sediment IRMS standard that is certified for TOC as well as TC, N and S. This high organic content sediment has certified values as shown below.

The new standard, [B2251](#), should be useful to soil scientists both as a process QC standard for carbonate removal procedures, and as a day-to-day isotopic reference.

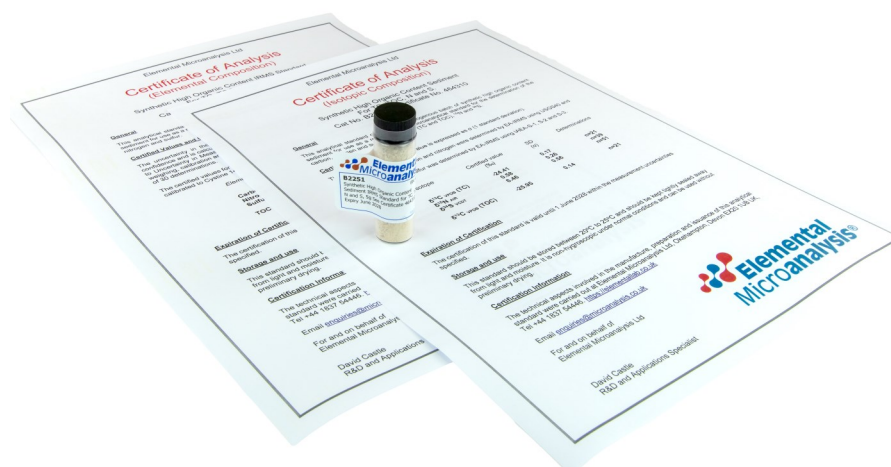
Elemental's R&D department intends to add to this new range of synthetic soil IRMS/TOC standards, to better constrain the effectiveness of carbonate removal approaches and to help customers find a closer match to the matrix they are working with.

Synthetic soils and sediments have several advantages over collected soils, including improved consistency across consecutive batches, and simplified import restrictions for hassle-free worldwide shipping, as they are not subject to the same export legislation and control as irradiated natural soil.

Elemental Microanalysis also offers a comprehensive range of [synthetic soil standards](#) certified for carbon, nitrogen and sulfur, to suit a wide range of needs in soil analysis.



Product	C (%)	N (%)	S (%)	TOC (%)	$\delta^{13}\text{C}$ -TC (‰)	$\delta^{15}\text{N}$ (‰)	$\delta^{34}\text{S}$ (‰)	$\delta^{13}\text{C}$ -TOC (‰)
Synthetic high organic content sediment IRMS standard for TC, TOC, N and S ( <a href="#">B2251</a> )	7.39	0.566	0.605	7.07	-24.41	0.58	6.46	-25.95



This product offers the same high quality and value for money that is typical of Elemental Microanalysis' entire product range.

To place an order, send an email to [enquiries@microanalysis.co.uk](mailto:enquiries@microanalysis.co.uk), call us, or register to view our product pricing and to purchase online. Elemental Microanalysis has over 45 years' experience manufacturing and supplying quality products with exceptional service and affordable pricing.

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