

Certificate of Analysis (Stable Isotope)

Olive Oil Working Standard
Cat. No. B2172 – Certificate No. 235746

General

This Analytical Standard (OAS) consists of a homogenous batch of **Olive Oil** for use as a routine working laboratory standard in the determination of Carbon ^{13}C .

Values and Uncertainty

The uncertainty in the quoted value is expressed as σ (1 standard deviation). Confidence limits include those due to sampling variation, weighing, calibration and measurement errors. The quoted values are based upon the results of **10** determinations.

This working standard is traceable to primary isotopic certified reference materials issued by the IAEA.

It is not intended to be a substitute for such primary standards.

<i>Isotope</i>	<i>Value (‰)</i>	<i>SD (σ)</i>
$\delta^{13}\text{C}_{\text{V-PDB}}$	-29.32	0.15

Expiration

The values quoted are valid until **01 June 2025** within the measurement uncertainties specified.

Storage and use

This OAS should be stored between 20°C to 25°C and should be kept tightly sealed away from light and moisture.

Information

The technical aspects involved in the preparation and issuance of this (In)Organic Analytical Standard (IAS/OAS) were carried out at Elemental Microanalysis Ltd, Okehampton, Devon EX20 1UB UK, Tel +44 1837 54446
Email enquiries@microanalysis.co.uk

For and on behalf of
Elemental Microanalysis Ltd

Jon Davies
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