

Certificate of Analysis (Stable Isotope)

Olive Oil Working Standard
Cat. No. B2172 – Certificate No. 436713

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 **48** determinations with 2 different mass spectrometers. The reference materials IAEA-CH6, IAEA-CH7 and USGS40 were used for the analysis.

<i>Isotope</i>	<i>Value</i> (‰)	<i>SD</i> (σ)
$\delta^{13}\text{C}$ v-PDB	-29.06	0.09

Expiration

The values quoted are valid until **14 December 2028** 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
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For and on behalf of
Elemental Microanalysis Ltd

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