



Fapas® QC MATERIAL DATA SHEET	T3402QC
Matrix	Vegetable Oil
Weight / Volume of Contents	100 ml

Analyte	Assigned Value, $x_a$	Range for $ z  \leq 2$	Units	No. of data points producing $x_a$
Moisture & Volatile Matter	64.0	16.6 - 111.4	mg/100g	5
Density	0.912	0.910 - 0.914	g/ml at 20°C	9
Refractive Index	1.47	-1.47 - 4.41	no unit	8

This data sheet is applicable until	20 Feb 2027
Recommended Storage on receipt	-20°C

Notes
<ul style="list-style-type: none"> <li>Mix the QC material thoroughly before taking a representative analytical sample.</li> <li>The assigned value has been derived from the consensus of laboratories taking part in proficiency test, using a variety of methods. This is not a certified reference value.</li> <li>The Range for <math> z  \leq 2</math> is the concentration range within the limits of <math>\pm 2</math> z-scores. The assigned value and its range have been established from the proficiency test data and are suitable for use by laboratories as a fit-for-purpose quality control measure.</li> <li>Stability of the QC material has been established as sufficient for the scope of the proficiency test from previous experience, expert advice and published literature. Fapas® advises that the QC material is analysed within the recommended date. Fapas® QC materials are intended to be used as single-analysis samples.</li> <li>Full details on the proficiency test procedure used to characterise this QC material are available in the Protocol, Part 1 - Common Principles, freely available to download from the Fapas® website.</li> <li>You may use any method of analysis you wish.</li> <li>For refractive index, no satisfactory range is given because it is a dimensionless ratio.</li> </ul>