



Fapas® QC MATERIAL DATA SHEET	T12127QC
Matrix	Oil
Weight / Volume of Contents	2 x 50 ml

Analyte	Assigned Value, x_a	Range for $ z \leq 2$	Units	No. of data points producing x_a
Di-(2-ethylhexyl) phthalate	1.99	1.41 - 2.56	mg/kg	50
Benzyl butyl phthalate	0.517	0.334 - 0.700	mg/kg	47
Diisobutyl phthalate	1.33	0.92 - 1.73	mg/kg	42

This data sheet is applicable until	01 Nov 2026
Recommended Storage on receipt	+4°C

Notes
<ul style="list-style-type: none">• Mix the QC material thoroughly before taking a representative analytical sample.• 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.• The Range for $z \leq 2$ is the concentration range within the limits of ± 2 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.• 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.• 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.• You may use any method of analysis you wish.• Please note that there are two sample bottles, A and B. The spiked sample is in bottle A, the blank oil is in bottle B.