



Fapas® QC MATERIAL DATA SHEET	T27336AQC
Matrix	Chocolate
Weight / Volume of Contents	20g

Analyte	Qualitative Results
Almond	DETECTED (100% consensus)

Quantitative Results				
Analyte	Assigned Value, $x_a$	Range for $ z  \leq 2$	Units	No. of data points producing $x_a$
BioFront MonoTrace Almond (AP1-EK)	16.6	8.3 - 24.9	mg/kg	4
ELISA Systems Almond (ESARD-48)	4.40	2.20 - 6.59	mg/kg	12
Neogen Veratox for Almond Allergen (8440)	20.4	10.2 - 30.6	mg/kg	13
R-Biopharm RIDASCREEN Fast Mandel/Almond (R6901)	29.2	14.6 - 43.8	mg/kg	21
Romer Labs AgraQuant Almond (COKAL0748)	22.4	11.2 - 33.6	mg/kg	5

This data sheet is applicable until	18 Sep 2025
Recommended Storage on receipt	Ambient

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 the accompanying proficiency test, using a specific kit type. This is not a certified reference value.</li> <li>Results for each analyte were separated into individual kit types and assessed separately.</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> </ul>