



Fapas® QC MATERIAL DATA SHEET	T27331AQC
Matrix	Cake Mix
Weight / Volume of Contents	30g

Analyte	Qualitative Results
Egg	DETECTED (100% consensus)
Gluten	DETECTED (100% consensus)
Milk	DETECTED (100% consensus)

Quantitative Results				
Analyte	Assigned Value, x_a	Range for $ z \leq 2$	Units	No. of data points producing x_a
Neogen Veratox for Gliadin R5 (8510)	15.0	7.5 - 22.5	mg/kg	19
R-Biopharm RIDASCREEN Gliadin (R7001)	13.9	6.9 - 20.8	mg/kg	88
R-Biopharm RIDASCREEN Fast Gliadin (R7002)	13.8	6.9 - 20.7	mg/kg	7
Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	27.2	13.6 - 40.9	mg/kg	8
SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	13.6	6.8 - 20.3	mg/kg	7
Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	4.60	2.30 - 6.90	mg/kg	11
Neogen Veratox for Egg Allergen (8450)	8.05	4.03 - 12.08	mg/kg	18
R-Biopharm RIDASCREEN Egg (R6411)	9.64	4.82 - 14.46	mg/kg	9
R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	5.66	2.83 - 8.48	mg/kg	44
Romer Labs AgraQuant Egg White (COKAL0848)	1.94	0.97 - 2.91	mg/kg	5
ELISA Systems Casein (ESCASPRD-48)	38.6	19.3 - 57.8	mg/kg	4
Morinaga Casein ELISA Kit II (M2113)	23.0	11.5 - 34.5	mg/kg	6
Neogen Veratox for Total Milk Allergen (8470)	58.4	29.2 - 87.6	mg/kg	24
R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	1.00	0.50 - 1.50	mg/kg	13
R-Biopharm RIDASCREEN Fast Casein (R4612)	12.4	6.2 - 18.5	mg/kg	18



R-Biopharm RIDASCREEN Fast Milk (R4652)	22.9	11.5 - 34.4	mg/kg	32
SENSISpec ELISA Casein (HU0030003)	17.0	8.5 - 25.5	mg/kg	4

This data sheet is applicable until	30 Jul 2025
Recommended Storage on receipt	Ambient

Notes

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