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Fapas® QC MATERIAL DATA SHEET	T09172QC
Matrix	Brown Rice (Powdered)
Weight / Volume of Contents	50 g

Analyte	Assigned Value, x_a	Range for |z| ≤2	Units	No. of data points producing x_a
Azinphos-ethyl	49.7	27.8 - 71.5	µg/kg	19
Bendiocarb	96.2	53.8 - 138.5	µg/kg	22
Chlorthal-dimethyl	90.6	50.7 - 130.5	µg/kg	24
Cypermethrin (sum of constituent isomers)	64.8	36.3 - 93.3	µg/kg	27
Fenpyroximate	62.4	34.9 - 89.8	µg/kg	25
Fluopyram	122	68 – 175	µg/kg	21
Omethoate	27.7	15.5 - 39.9	µg/kg	28
Penthiopyrad	78.0	43.7 - 112.3	µg/kg	21
Pyriproxyfen	76.2	42.7 - 109.7	µg/kg	29
Sulfoxaflor	142	81 – 203	µg/kg	19

This data sheet is applicable until	21 Jul 2026
Recommended Storage on receipt	-20°C

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 proficiency test, using a variety of methods. This is not a certified reference value.
- The Range for |z| ≤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 this QC material also contains chlordane (oxy), the concentration of this analyte has not been determined.