

FAPAS QC MATERIAL DATA SHEET	T19429QC
Matrix	Spice - Paprika
Weight / Volume of Contents	50 g

Analyte	Assigned Value, $X_a$	Range for $ z  \leq 2$	Units	No. of data points producing $X_a$
Azoxystrobin	130	73 - 186	µg/kg	34
Chlorfenapyr	97.4	54.5 - 140.3	µg/kg	26
Chlorpyrifos-methyl	126	71 - 182	µg/kg	30
Epoxiconazole	69.3	38.8 - 99.8	µg/kg	28
Fenitrothion	45.3	25.4 - 65.2	µg/kg	25
Fensulfothion-sulfone	127	71 - 182	µg/kg	12
HCH-G (gamma hexachlorocyclohexane / lindane)	79.7	44.6 - 114.8	µg/kg	25
Iprovalicarb	84.9	47.5 - 122.2	µg/kg	28
Novaluron	117	66 - 169	µg/kg	25
Omethoate	112	63 - 161	µg/kg	27
Permethrin (sum of isomers)	38.4	21.5 - 55.4	µg/kg	18
Piperonyl butoxide	90.5	50.7 - 130.3	µg/kg	28
Procymidone	56.9	31.8 - 81.9	µg/kg	24
Spirodiclofen	71.0	39.8 - 102.2	µg/kg	23
Tolclofos-methyl	73.7	41.2 - 106.1	µg/kg	28

This data sheet is applicable until	24 Jul 2026
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Recommended Storage on receipt	-20°C
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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 this 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  $\pm 2$  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.

