

FAPAS QC MATERIAL DATA SHEET	T19468QC
Matrix	Blueberry Purée
Weight / Volume of Contents	90 g

Analyte	Assigned Value, X_a	Range for $ z \leq 2$	Units	No. of data points producing X_a
Ametoctradin	115	64 - 165	µg/kg	14
Chloridazon	76.9	43.1 - 110.7	µg/kg	15
Coumaphos	129	73 - 185	µg/kg	18
Cyantraniliprole	75.0	42.0 - 108.0	µg/kg	13
Cyfluthrin (sum of constituent isomers)	80.5	45.1 - 115.9	µg/kg	22
Fenamidone	85.6	47.9 - 123.2	µg/kg	21
Fenhexamid	42.1	23.6 - 60.6	µg/kg	21
Fenpropathrin	60.4	33.8 - 86.9	µg/kg	23
Flubendiamide	145	83 - 207	µg/kg	16
Indoxacarb (sum of indoxacarb and its R enantiomer)	55.9	31.3 - 80.5	µg/kg	20
Nitrofen	132	75 - 189	µg/kg	14
Pirimiphos-methyl	30.9	17.3 - 44.5	µg/kg	22
Pyrimethanil	124	70 - 178	µg/kg	26
Tebuconazole	34.1	19.1 - 49.2	µg/kg	23

This data sheet is applicable until	15 Apr 2027
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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 ± 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.