

FAPAS QC MATERIAL DATA SHEET	T19416QC
Matrix	Potato 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
Buprofezin	116	65 - 167	µg/kg	20
Carbaryl	34.7	19.4 - 50.0	µg/kg	17
Chlorpropham	55.0	30.8 - 79.2	µg/kg	16
Cyromazine	90.0	50.4 - 129.6	µg/kg	9
Emamectin (as emamectin benzoate B1a, expressed as emamectin)	104	58 - 150	µg/kg	17
Fludioxonil	56.0	31.4 - 80.6	µg/kg	18
Flufenoxuron	59.6	33.4 - 85.8	µg/kg	15
Monolinuron	98.9	55.4 - 142.3	µg/kg	12
Myclobutanil	125	71 - 180	µg/kg	19
Omethoate	125	70 - 180	µg/kg	18
Phorate-sulfoxide	55.5	31.1 - 79.9	µg/kg	6
Thiabendazole	41.0	23.0 - 59.0	µg/kg	19
Triallate	79.3	44.4 - 114.1	µg/kg	14

This data sheet is applicable until	08 Sep 2026
Recommended Storage on receipt	-20°C
Notes	
<ul style="list-style-type: none"> • 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. • You may use any method of analysis you wish. 	

