

Reference Material Certificate
Product Information Sheet

Product Name: Custom pesticide test mix #3 (1mL)

Lot Number: 0006698518

Product Number: CUS-00000637

Lot Issue Date: 10-Aug-2022

Storage Conditions: Store Refrigerated (2° - 8°C).

Expiration Date: 31-Dec-2022

Component Name	CERTIFIED VALUES			CAS#	Analyte Lot
	Concentration	Expanded	Uncertainty		
cyantraniliprole	100.3	±	0.5 µg/mL	736994-63-1	RM17196
cycloprothrin	100.1	±	0.5 µg/mL	063935-38-6	RM17668
cyflufenamid	100.2	±	0.5 µg/mL	180409-60-3	RM18417
cyprofuram	100.5	±	0.5 µg/mL	069581-33-5	RM02788
cyromazine	100.4	±	0.5 µg/mL	066215-27-8	RM16783
cythioate	100.5	±	0.5 µg/mL	000115-93-5	NT00572
deltamethrin	100.4	±	0.5 µg/mL	052918-63-5	RM16089
demeton O	100.4	±	0.5 µg/mL	000298-03-3	RM19150
demeton-s-methyl	100.4	±	0.5 µg/mL	000919-86-8	RM17147
demeton-S-methyl sulfone	100.3	±	0.5 µg/mL	017040-19-6	RM18183
demeton-s-methyl sulfoxide	100.0	±	0.5 µg/mL	000301-12-2	RM19035
desmetryne	100.1	±	0.5 µg/mL	001014-69-3	RM18027
diafenthiuron	100.3	±	0.5 µg/mL	080060-09-9	RM14026
dialifos	100.4	±	0.5 µg/mL	010311-84-9	RM12792
dichlofluanid	100.0	±	0.5 µg/mL	001085-98-9	RM09162
dichlormid	100.2	±	0.5 µg/mL	037764-25-3	RM17634
diclofop methyl	100.4	±	0.5 µg/mL	051338-27-3	RM17246
difenoconazole	100.5	±	0.5 µg/mL	119446-68-3	RM18288
difenoхuron	100.2	±	0.5 µg/mL	014214-32-5	RM04027
dimefuron	100.0	±	0.5 µg/mL	034205-21-5	RM19238
dimethenamid	100.1	±	0.5 µg/mL	087674-68-8	RM18771
dimethylvinphos	100.0	±	0.5 µg/mL	002274-67-1	RM15707
dinocap	100.0	±	0.5 µg/mL	039300-45-3	RM10336
dinoseb acetate	100.3	±	0.5 µg/mL	002813-95-8	RM01729
diphenamid	100.2	±	0.5 µg/mL	000957-51-7	RM18206
dipropetryn	100.3	±	0.5 µg/mL	004147-51-7	RM14337
disulfoton	100.3	±	0.5 µg/mL	000298-04-4	RM19268

Matrix: acetonitrile

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:



Monica Bourgeois
QMS Representative