

Reference Material Certificate

Product Name: Custom pesticide test mix #9 (1mL)**Lot Number:** 0006672677**Product Number:** CUS-00000643**Lot Issue Date:** 02-May-2022**Storage Conditions:** Store Frozen (-25° to -10°C).**Expiration Date:** 31-May-2024

Component Name	CERTIFIED VALUES			CAS#	Analyte Lot
	Concentration	Expanded Uncertainty			
BYI08330-ketohydroxy	100.5	± 0.5 µg/mL		1172134-11-0	RM19977
spirotetramat-enol-glucoside	100.2	± 0.5 µg/mL		1172614-86-6	RM17409
ethidimuron	100.3	± 0.5 µg/mL		030043-49-3	RM02899
sulfotepp	100.2	± 0.5 µg/mL		003689-24-5	RM19278
tebutame	100.1	± 0.5 µg/mL		035256-85-0	RM03459
teflubenzuron	100.1	± 0.5 µg/mL		083121-18-0	RM15412
terbufos sulfone	100.4	± 0.5 µg/mL		056070-16-7	RM18312
terbufos sulfoxide	100.2	± 0.5 µg/mL		010548-10-4	RM19528
terbumeton	100.0	± 0.5 µg/mL		033693-04-8	RM14700
terbuthylazine	100.5	± 0.5 µg/mL		005915-41-3	RM18246
terbuthylazine-desethyl	100.1	± 0.5 µg/mL		030125-63-4	RM19260
tetrachlorvinphos	100.2	± 0.5 µg/mL		022248-79-9	RM05693
tetramethrin	100.3	± 0.5 µg/mL		007696-12-0	RM16228
thiabendazole-5-hydroxy	100.2	± 0.5 µg/mL		000948-71-0	RM09034
thiazafluron	100.4	± 0.5 µg/mL		025366-23-8	RM13994
thiencarbazone-methyl	100.0	± 0.5 µg/mL		317815-83-1	RM01510
thiobencarb	100.1	± 0.5 µg/mL		028249-77-6	RM18124
thiofanox sulfone	100.5	± 0.5 µg/mL		039184-59-3	RM04936
thiophanate methyl	100.0	± 0.5 µg/mL		023564-05-8	RM17939
tiocarbazil	100.2	± 0.5 µg/mL		036756-79-3	RM00310
tolyfluanid	100.1	± 0.5 µg/mL		000731-27-1	RM16911
triallate	100.1	± 0.5 µg/mL		002303-17-5	RM17118
triazamate	100.0	± 0.5 µg/mL		112143-82-5	RM12594
triclopyr	100.2	± 0.5 µg/mL		055335-06-3	RM03792
tridemorph	100.1	± 0.5 µg/mL		024602-86-6	RM13615
triforin	100.2	± 0.5 µg/mL		026644-46-2	RM16908
vernolate	100.2	± 0.5 µg/mL		001929-77-7	RM19647
trifloxysulfuron sodium salt	100.0	± 0.5 µg/mL		199119-58-9	RM15051
triflusulfuron-methyl	100.0	± 0.5 µg/mL		126535-15-7	RM03408
tritosulfuron	100.5	± 0.5 µg/mL		142469-14-5	RM09079

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 RepresentativeISO 17034 Cert
No. AR-1936RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321
Page: 2 of 2www.agilent.com/quality/
CSD-QA-015.1ISO 17025 Cert
No. AT-1937