

Reference Material Certificate

Product Name: Custom pesticide test mix #8 (1mL)
Product Number: CUS-00000642
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006672673
Lot Issue Date: 04-May-2022
Expiration Date: 30-Jun-2024

Component Name	CERTIFIED VALUES			CAS#	Analyte Lot
	Concentration	Expanded Uncertainty			
pirimiphos-methyl-n-desethyl	100.1	± 0.5 µg/mL		067018-59-1	RM07441
pretilachlor	100.3	± 0.5 µg/mL		051218-49-6	RM15380
procymidone	100.1	± 0.5 µg/mL		032809-16-8	RM17154
prometryn	100.3	± 0.5 µg/mL		007287-19-6	RM18571
pronamide	100.1	± 0.5 µg/mL		023950-58-5	RM17904
propachlor	100.3	± 0.5 µg/mL		001918-16-7	RM18557
propanil	100.2	± 0.5 µg/mL		000709-98-8	RM19148
propaphos	100.2	± 0.5 µg/mL		007292-16-2	RM19891
propargite	100.1	± 0.5 µg/mL		002312-35-8	RM19066
propoxycarbazone sodium salt (as propoxycarbazone)	100.4	± 0.5 µg/mL		181274-15-7	RM13206
prothioconazole-desthio	100.4	± 0.5 µg/mL		120983-64-4	RM19198
pyraflufen-ethyl	100.4	± 0.5 µg/mL		129630-19-9	RM03288
pyridalyl	100.2	± 0.5 µg/mL		179101-81-6	RM19116
pyrifenoxy	100.2	± 0.5 µg/mL		088283-41-4	RM15442
quizalofop	100.4	± 0.5 µg/mL		076578-12-6	RM10012
quizalofop-ethyl	100.3	± 0.5 µg/mL		076578-14-8	RM17225
resmethrin	100.2	± 0.5 µg/mL		010453-86-8	RM12003
saflufenacil	100.1	± 0.5 µg/mL		372137-35-4	RM17243
selamectin	100.2	± 0.5 µg/mL		165108-07-6	RM19837
sethoxydim	100.3	± 0.5 µg/mL		074051-80-2	RM19873
siduron (mix of isomers)	100.1	± 0.5 µg/mL		001982-49-6	RM03313
silaflofen	100.0	± 0.5 µg/mL		105024-66-6	RM14518
silthiofam	100.4	± 0.5 µg/mL		175217-20-6	RM17492
simazine	100.3	± 0.5 µg/mL		000122-34-9	RM00622
simetryn	100.2	± 0.5 µg/mL		001014-70-6	RM17153
spinetoram	100.2	± 0.5 µg/mL		187166-40-1	RM18454
prosulfuron	100.4	± 0.5 µg/mL		094125-34-5	RM03241
profoxydim lithium salt	100.4	± 0.5 µg/mL		192326-75-3	RM00015149

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
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CSD-QA-015.1ISO 17025 Cert
No. AT-1937