

Reference Material Certificate

Product Name: Custom pesticide test mix #7 (1mL)
Product Number: CUS-00000641
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006672672
Lot Issue Date: 01-Apr-2022
Expiration Date: 31-May-2023

Component Name	CERTIFIED VALUES			CAS#	Analyte Lot
	Concentration	Expanded Uncertainty			
haloxyfop-methyl	100.4	± 0.5 µg/mL		069806-40-2	RM15649
heptenophos	100.3	± 0.5 µg/mL		023560-59-0	RM18406
hexazinone	100.3	± 0.5 µg/mL		051235-04-2	RM18243
imazamethabenz-methyl	100.2	± 0.5 µg/mL		081405-85-8	RM18680
imazamox	100.4	± 0.5 µg/mL		114311-32-9	RM16154
imibenconazole	100.1	± 0.5 µg/mL		086598-92-7	RM12424
ioxynil	100.3	± 0.5 µg/mL		001689-83-4	RM13868
isazophos	100.2	± 0.5 µg/mL		042509-80-8	RM16809
isocarbamid	100.1	± 0.5 µg/mL		030979-48-7	RM13860
isofenphos-methyl	100.2	± 0.5 µg/mL		099675-03-3	RM16957
isomethiozin	100.1	± 0.5 µg/mL		057052-04-7	RM12330
isoproturon	100.3	± 0.5 µg/mL		034123-59-6	RM18219
isoxadifen-ethyl	100.1	± 0.5 µg/mL		163520-33-0	RM03096
isoxaflutole	100.2	± 0.5 µg/mL		141112-29-0	RM13353
karbutilate	100.3	± 0.5 µg/mL		004849-32-5	RM11030
MCPB	100.2	± 0.5 µg/mL		000094-81-5	RM13388
mefenacet	100.4	± 0.5 µg/mL		073250-68-7	RM14690
mefenpyr-diethyl	100.1	± 0.5 µg/mL		135590-91-9	RM03231
mephosfolan	100.2	± 0.5 µg/mL		000950-10-7	RM17039
mepronil	100.1	± 0.5 µg/mL		055814-41-0	RM16789
methiocarb sulfone	100.3	± 0.5 µg/mL		002179-25-1	RM14248
methiocarb sulfoxide	100.3	± 0.5 µg/mL		002635-10-1	RM09188
metolcarb	100.1	± 0.5 µg/mL		001129-41-5	RM17136
metosulam	100.2	± 0.5 µg/mL		139528-85-1	RM17400
metoxuron	100.2	± 0.5 µg/mL		019937-59-8	RM18471
monolinuron	100.2	± 0.5 µg/mL		001746-81-2	RM09242
imazosulfuron	100.4	± 0.5 µg/mL		122548-33-8	RM17233
iodosulfuron-methyl-sodium	100.3	± 0.5 µg/mL		144550-36-7	RM16871

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



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321
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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937