

Certificate of Analysis

Product Name: GC Pesticide Standard #7

Product Number: PSM-100-G

Lot Issue Date: 19-Oct-2020

Lot Number: 0006564992

Expiration Date: 30-Nov-2022

Description:

This analytical reference material (RM) 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 below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
captan	000133-06-2	RM02848	100.1 ± 0.5 µg/mL
chlorothalonil	001897-45-6	RM15959	100.1 ± 0.5 µg/mL
chlozolinate	084332-86-5	RM14866	100.3 ± 0.5 µg/mL
DCPA	001861-32-1	NT01783	100.4 ± 0.5 µg/mL
dichlobenil	001194-65-6	RM02878	100.2 ± 0.5 µg/mL
dichlofluanid	001085-98-9	RM06937	100.4 ± 0.5 µg/mL
dichloran	000099-30-9	RM00430	100.1 ± 0.5 µg/mL
ethalfluralin	055283-68-6	RM16970	100.1 ± 0.5 µg/mL
fenson	000080-38-6	RM02982	100.3 ± 0.5 µg/mL
ovex (chlorfenson)	000080-33-1	NT00512	100.2 ± 0.5 µg/mL
procymidone	032809-16-8	RM17154	100.1 ± 0.5 µg/mL
profluralin	026399-36-0	RM03256	100.3 ± 0.5 µg/mL
tau-fluvalinate	102851-06-9	RM16079	100.4 ± 0.5 µg/mL
tetradifon	000116-29-0	RM16748	100.1 ± 0.5 µg/mL
tolyfluanid	000731-27-1	RM16065	100.2 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	100.2 ± 0.5 µg/mL

Matrix: acetonitrile

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

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

Intended Use:

This RM 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. □

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Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated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

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM 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 TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937