

Certificate of Analysis

Product Name: LC Pesticide Standard #13

Product Number: PSM-100-Y

Lot Issue Date: 03-Aug-2020

Lot Number: 0006550762

Expiration Date: 31-Aug-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 $\pm$ Uncertainty
2-methyl-4,6-dinitrophenol	000534-52-1	RM02292	100.4 $\pm$ 0.5 μ g/mL
bromacil	000314-40-9	RM14333	100.2 $\pm$ 0.5 μ g/mL
chlorthiamid	001918-13-4	RM03673	100.4 $\pm$ 0.5 μ g/mL
clopyralid	001702-17-6	RM11618	100.1 $\pm$ 0.5 μ g/mL
daminozide	001596-84-5	RM12081	100.3 $\pm$ 0.5 μ g/mL
diallate (total)	002303-16-4	RM14888	100.2 $\pm$ 0.5 μ g/mL
dinoseb	000088-85-7	RM16445	100.4 $\pm$ 0.5 μ g/mL
dithianon	003347-22-6	RM16133	100.1 $\pm$ 0.5 μ g/mL
ethoxyquin	000091-53-2	RM16199	100.4 $\pm$ 0.5 μ g/mL
fenpropimorph	067564-91-4	RM14854	100.3 $\pm$ 0.5 μ g/mL
fenpyroximate	134098-61-6	RM15302	100.2 $\pm$ 0.5 μ g/mL
pyridate	055512-33-9	RM13045	100.4 $\pm$ 0.5 μ g/mL
sethoxydim	074051-80-2	rm15187	100.3 $\pm$ 0.5 μ g/mL
tridemorph	024602-86-6	RM13615	100.3 $\pm$ 0.5 μ g/mL

Matrix: acetonitrile

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



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RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ISO 17025 Cert
No. AT-1937

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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



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