

Certificate of Analysis

Product Name: IRSA 5060 Pesticide Mix

Product Number: PST-ITA-02

Lot Issue Date: 24-Jan-2020

Lot Number: 0006516097

Expiration Date: 28-Feb-2021

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
methoxychlor	000072-43-5	RM14186	10.0 $\pm$ 0.1 mg/L
hexazinone	051235-04-2	RM14990	10.0 $\pm$ 0.1 mg/L
metazachlor	067129-08-2	RM14128	10.0 $\pm$ 0.1 mg/L
orbencarb	034622-58-7	RM14240	10.0 $\pm$ 0.1 mg/L
vinclozolin	050471-44-8	RM04638	10.0 $\pm$ 0.1 mg/L
sebuthylazine	007286-69-3	RM11654	10.0 $\pm$ 0.1 mg/L
trifluralin	001582-09-8	RM09256	10.0 $\pm$ 0.1 mg/L
terbutylazine-desethyl	030125-63-4	RM13218	10.0 $\pm$ 0.1 mg/L
atrazine-desisopropyl	001007-28-9	RM14510	10.0 $\pm$ 0.1 mg/L
atrazine-desethyl	006190-65-4	RM14633	10.0 $\pm$ 0.1 mg/L
simazine	000122-34-9	RM00622	10.0 $\pm$ 0.1 mg/L
atrazine	001912-24-9	RM14799	10.0 $\pm$ 0.1 mg/L
propazine	000139-40-2	RM14562	10.0 $\pm$ 0.1 mg/L
terbutylazine	005915-41-3	RM09282	10.0 $\pm$ 0.1 mg/L
alachlor	015972-60-8	RM14112	10.0 $\pm$ 0.1 mg/L
prometryn	007287-19-6	RM15360	10.0 $\pm$ 0.1 mg/L
terbutryn(e)	000886-50-0	RM06258	10.0 $\pm$ 0.1 mg/L

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metolachlor	051218-45-2	RM14834	10.0 ± 0.1 mg/L
cyanazine	021725-46-2	RM13093	10.0 ± 0.1 mg/L
pendimethalin	040487-42-1	RM15274	10.0 ± 0.1 mg/L
molinate	002212-67-1	RM14835	10.0 ± 0.1 mg/L
desmetryne	001014-69-3	RM02763	10.0 ± 0.1 mg/L
ametryn	000834-12-8	RM14927	10.0 ± 0.1 mg/L

Matrix: acetone**Storage Conditions:** Store at Room Temperature (15° to 30°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 RepresentativeISO 17034 Cert No.
AR-1936RM was produced in accordance with TUV USA Inc registered ISO
9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1ISO 17025 Cert
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