

Certificate of Analysis

Product Name: Pesticide Standard 8

Product Number: AGI-P03-8

Lot Issue Date: 12-May-2023

Lot Number: 0006742775

Expiration Date: 31-Dec-2024

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
beflubutamid	113614-08-7	RM18441	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
benalaxyl	071626-11-4	RM15422	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
bifenox	042576-02-3	RM02688	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
butachlor	023184-66-9	RM18832	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
butamifos	036335-67-8	RM18442	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
carbofuran	001563-66-2	RM18301	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
clomazone	081777-89-1	RM19731	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
diclofop methyl	051338-27-3	RM17246	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
ethiolate	002941-55-1	RM11122	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
ethofumesate	026225-79-6	RM00842	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
etoxazol	153233-91-1	RM20193	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
fenobucarb	003766-81-2	RM17478	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
fenthion-sulfone	003761-42-0	RM09342	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
fluazifop-butyl	069806-50-4	RM15371	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
isofenphos-oxon	031120-85-1	RM14640	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
isoprothiolane	050512-35-1	RM16879	100.0 $\pm$ 0.5 $\mu\text{g/mL}$

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mefenacet	073250-68-7	RM11866	100.4 ± 0.5 µg/mL
myclobutanil	088671-89-0	RM20197	100.2 ± 0.5 µg/mL
naled	000300-76-5	RM16550	100.1 ± 0.5 µg/mL
napropamide	015299-99-7	RM18451	100.5 ± 0.5 µg/mL
oxadixyl	077732-09-3	RM17117	100.1 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM16797	100.0 ± 0.5 µg/mL
procymidone	032809-16-8	RM18532	100.1 ± 0.5 µg/mL
omethoate	001113-02-6	RM16175	100.3 ± 0.5 µg/mL
phorate	000298-02-2	RM20767	100.4 ± 0.5 µg/mL
propanil	000709-98-8	RM03261	100.3 ± 0.5 µg/mL
phosmet	000732-11-6	RM03253	100.1 ± 0.5 µg/mL
phosfolan	000947-02-4	RM04831	100.4 ± 0.5 µg/mL

Matrix: acetonitrile**Storage Conditions:** Store Refrigerated (2° to 8°C)**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL 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.□

ISO 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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ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number: AGI-P03-8

Lot Number: 0006742775

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

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ISO 17025 Cert
No. AT-1937