

Certificate of Analysis

ISO Guide 34

LC Pesticide Standard #4

Product Number: PSM-100-P

Page: 1 of 2

Lot Number: CS-6059

Lot Issue Date: 11-Dec-2018

Expiration Date: 31-Jan-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
abamectin	071751-41-2	RM12073	100.3 ± 0.5 µg/mL
chlorotoluron	015545-48-9	RM14323	100.2 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02851	100.0 ± 0.5 µg/mL
diuron	000330-54-1	RM14124	100.2 ± 0.5 µg/mL
flufenoxuron	101463-69-8	RM05398	100.0 ± 0.5 µg/mL
forchlorfenuron	068157-60-8	RM11813	100.3 ± 0.5 µg/mL
isoproturon	034123-59-6	RM09323	100.5 ± 0.5 µg/mL
linuron	000330-55-2	RM10693	100.3 ± 0.5 µg/mL
methabenzthiazuron	018691-97-9	RM03158	100.1 ± 0.5 µg/mL
metobromuron	003060-89-7	RM13293	100.0 ± 0.5 µg/mL
metrafenone	220899-03-6	RM09456	100.0 ± 0.5 µg/mL
monolinuron	001746-81-2	RM09242	100.1 ± 0.5 µg/mL
napropamide	015299-99-7	RM13480	100.0 ± 0.5 µg/mL
pencycuron	066063-05-6	RM10738	100.2 ± 0.5 µg/mL
proquinazid	189278-12-4	RM09270	100.0 ± 0.5 µg/mL
thiofanox sulfone	039184-59-3	RM04937	100.2 ± 0.5 µg/mL
thiofanox sulfoxide	039184-27-5	RM03785	100.1 ± 0.5 µg/mL
trichlorfon	000052-68-6	RM09873	100.0 ± 0.5 µg/mL
triflumuron	064628-44-0	RM10735	100.0 ± 0.5 µg/mL

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Matrix: acetonitrile

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

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.


Monica Bourgeois
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