

Certificate of Analysis

ISO Guide 34

GC/LC Pesticide Standard #2

Product Number: PSM-100-AB

Page: 1 of 2

Lot Number: CS-5979

Lot Issue Date: 06-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
benfuracarb	082560-54-1	RM12465	100.3 ± 0.5 µg/mL
butafenacil	134605-64-4	RM11285	100.0 ± 0.5 µg/mL
cyhalofop-butyl	122008-85-9	RM09771	100.5 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM07308	100.1 ± 0.5 µg/mL
isoprocab	002631-40-5	RM11807	100.4 ± 0.5 µg/mL
malaoxon	001634-78-2	RM12052	99.7 ± 0.5 µg/mL
malathion	000121-75-5	RM12444	100.0 ± 0.5 µg/mL
mecarbam	002595-54-2	RM10104	100.2 ± 0.5 µg/mL
methamidophos	010265-92-6	RM12755	100.0 ± 0.5 µg/mL
methiocarb	002032-65-7	RM13712	99.9 ± 0.5 µg/mL
omethoate	001113-02-6	RM14277	100.3 ± 0.5 µg/mL
phenothrin (tech)	026002-80-2	RM11930	100.1 ± 0.5 µg/mL
pirimiphos-ethyl	023505-41-1	RM13112	100.3 ± 0.5 µg/mL
promecarb	002631-37-0	RM03271	100.0 ± 0.5 µg/mL
propham	000122-42-9	RM03273	100.1 ± 0.5 µg/mL
prosulfocarb	052888-80-9	RM12327	100.3 ± 0.5 µg/mL
pyridaphenthion	000119-12-0	RM06253	100.0 ± 0.5 µg/mL
spiromesifen	283594-90-1	RM11938	100.0 ± 0.5 µg/mL
tetramethrin	007696-12-0	RM03457	100.1 ± 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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