

Certificate of Analysis

ISO 17034

LC/MS Pesticide Standard #5

Product Number: 5190-0551-5

Page: 1 of 3

Lot Number: 0006489742

Lot Issue Date: 24-Sep-2019

Expiration Date: 31-Oct-2020

This ISO 17034 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Purity %	True Value
aldicarb	000116-06-3	rm14794-02	98.1	100.3 ± 0.5 µg/mL
carboxin	005234-68-4	RM03662	99	100.4 ± 0.5 µg/mL
fenobucarb	003766-81-2	RM03926	98	100.1 ± 0.5 µg/mL
fenpropidin	067306-00-7	RM10868	99	100.4 ± 0.5 µg/mL
methabenzthiazuron	018691-97-9	RM14672	99.5	100.2 ± 0.5 µg/mL
methomyl	016752-77-5	RM14356	99.1	100.3 ± 0.5 µg/mL
oxamyl	023135-22-0	RM14790	99.4	100.1 ± 0.5 µg/mL
propamocarb	024579-73-5	RM13838	98.7	100.1 ± 0.5 µg/mL
pyridaben	096489-71-3	RM04048	99.5	100.2 ± 0.5 µg/mL
pyriproxyfen	095737-68-1	RM09178	98	100.3 ± 0.5 µg/mL
thiofanox	039196-18-4	RM14819	97.5	100.3 ± 0.5 µg/mL
alanycarb	083130-01-2	RM12673	99	100.1 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM15438	100	100.2 ± 0.5 µg/mL
azoxystrobin	131860-33-8	RM09134	99.9	100.0 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM14353	98.2	100.3 ± 0.5 µg/mL
fenamidone	161326-34-7	RM14083	99.5	100.0 ± 0.5 µg/mL
fenazaquin	120928-09-8	RM14279	98.7	100.4 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM11647	99.5	100.3 ± 0.5 µg/mL



ISO 17034 Cert No.
AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Management System



ISO 17025 Cert No.
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iprovalicarb	140923-17-7	RM05393	98.7	100.4 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09347	98.9	100.1 ± 0.5 µg/mL
picoxystrobin	117428-22-5	RM07493	99.9	100.2 ± 0.5 µg/mL
pyraclostrobin	175013-18-0	RM12781	99.5	100.2 ± 0.5 µg/mL
tebufenozide	112410-23-8	RM09292	99.6	100.3 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM14274	99.5	100.1 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM14469	99.9	100.1 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM14789	99.3	100.2 ± 0.5 µg/mL
carbendazim	010605-21-7	RM12190	99.5	100.2 ± 0.5 µg/mL
thiodicarb	059669-26-0	RM07057	99.5	100.3 ± 0.5 µg/mL
diuron	000330-54-1	RM14860	99.5	100.3 ± 0.5 µg/mL
fenpyroximate	134098-61-6	RM12975	98.9	100.1 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM03382	98.5	100.1 ± 0.5 µg/mL
pyridate	055512-33-9	RM12808	97.2	100.3 ± 0.5 µg/mL

Matrix: acetonitrile / DMSO (90:10 v/v)

Storage: Store Frozen (-25° to -10°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.



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Analyte

CAS#

Analyte Lot

Purity %

True Value



Monica Bourgeois
QMS Representative



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