

Certificate of Analysis

ISO Guide 34

LC/MS Pesticide Standard #5

Product Number: 5190-0551-5

Page: 1 of 3

Lot Number: CS-4507

Lot Issue Date: 11-Sep-2018

Expiration Date: 31-Oct-2019

This ISO Guide 34 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	RM13074	99.9	100.2 ± 0.5 µg/mL
carboxin	005234-68-4	RM03662	99	100.1 ± 0.5 µg/mL
fenobucarb	003766-81-2	RM03007	99.5	100.2 ± 0.5 µg/mL
fenpropidin	067306-00-7	RM12326	98	100.4 ± 0.5 µg/mL
methabenzthiazuron	018691-97-9	RM13801	99.5	100.3 ± 0.5 µg/mL
methomyl	016752-77-5	RM13184	99.2	100.1 ± 0.5 µg/mL
oxamyl	023135-22-0	RM03172	99	100.2 ± 0.5 µg/mL
propamocarb	024579-73-5	RM09696	99.3	100.1 ± 0.5 µg/mL
pyridaben	096489-71-3	RM04048	99.5	100.1 ± 0.5 µg/mL
pyriproxyfen	095737-68-1	RM09178	98	100.4 ± 0.5 µg/mL
thiofanox	039196-18-4	RM12780	98.2	100.1 ± 0.5 µg/mL
alanycarb	083130-01-2	RM12673	99	100.1 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM02657	99	100.1 ± 0.5 µg/mL
azoxystrobin	131860-33-8	RM09134	99.9	100.1 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM00591	99.9	100.1 ± 0.5 µg/mL
fenamidone	161326-34-7	RM11814	99.5	100.1 ± 0.5 µg/mL
fenazaquin	120928-09-8	RM11816	99.5	100.1 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM11647	99.5	100.1 ± 0.5 µg/mL



ISO Guide 34 Cert No.
AR-1936

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



ISO17025 Cert No.
AT-1937

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Analyte	CAS#	Analyte Lot	Purity %	True Value
iprovalicarb	140923-17-7	RM10424	98.5	100.4 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09347	98.9	100.3 ± 0.5 µg/mL
picoxystrobin	117428-22-5	RM07493	99.9	100.2 ± 0.5 µg/mL
pyraclostrobin	175013-18-0	RM14044	99.9	100.2 ± 0.5 µg/mL
tebufenozide	112410-23-8	RM09292	99.6	100.4 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM06924	99.3	100.1 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM12140	99.5	100.1 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM09064	96.3	100.0 ± 0.5 µg/mL
carbendazim	010605-21-7	RM12190	99.5	100.1 ± 0.5 µg/mL
thiodicarb	059669-26-0	RM13043	99.5	100.2 ± 0.5 µg/mL
diuron	000330-54-1	RM12493	99.5	100.4 ± 0.5 µg/mL
fenpyroximate	134098-61-6	RM12975	98.9	100.0 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM09257	99.9	100.1 ± 0.5 µg/mL
pyridate	055512-33-9	RM12808	97.2	100.1 ± 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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Monica Bourgeois
QMS Representative



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