

Certificate of Analysis

ISO Guide 34

LC/MS Pesticide Standard #2

Product Number: 5190-0551-2

Page: 1 of 2

Lot Number: CS-4440

Lot Issue Date: 06-Sep-2018

Expiration Date: 30-Sep-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
coumaphos	000056-72-4	RM12738	99.4	100.4 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM03902	97.3	100.3 ± 0.5 µg/mL
ethion	000563-12-2	RM07079	99.5	100.4 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM13347	99.5	100.1 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM09206	99.6	100.1 ± 0.5 µg/mL
vamidothion	002275-23-2	RM09403	97.5	100.4 ± 0.5 µg/mL
azamethiphos	035575-96-3	RM04164	98.8	100.1 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM11359	99.9	100.4 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM12166	98	100.3 ± 0.5 µg/mL
diniconazole	083657-24-3	RM10352	99.4	100.2 ± 0.5 µg/mL
ethoprop	013194-48-4	RM09236	98	100.1 ± 0.5 µg/mL
fenarimol	060168-88-9	RM07334	99.9	100.1 ± 0.5 µg/mL
flusilazole	085509-19-9	RM07087	99.8	100.1 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM12416	98.9	100.2 ± 0.5 µg/mL
imazalil	035554-44-0	RM12053	99.5	100.1 ± 0.5 µg/mL
propiconazole	060207-90-1	RM10351	98.4	100.4 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03379	99	100.4 ± 0.5 µg/mL
uniconazole	083657-22-1	RM10076	99.3	100.4 ± 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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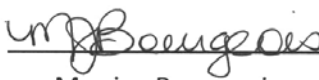
Expiration Date: 30-Sep-2019

Analyte	CAS#	Analyte Lot	Purity %	True Value
bromuconazole	116255-48-2	RM09984	99.3	100.4 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	99.5	100.4 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM06873	99.5	100.4 ± 0.5 µg/mL
ipconazole	125225-28-7	RM12706	98.53	100.4 ± 0.5 µg/mL
metconazole	125116-23-6	RM05402	99.5	100.4 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	99.3	100.1 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM11301	99.1	100.3 ± 0.5 µg/mL
triticonazole	131983-72-7	RM12728	97.7	100.3 ± 0.5 µg/mL
diazinon	000333-41-5	RM13575	99.5	100.1 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM13554	98	100.4 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	99.7	100.4 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM11354	98.4	100.2 ± 0.5 µg/mL
epoxiconazole	133855-98-8	RM10446	98.5	100.1 ± 0.5 µg/mL

Matrix: acetonitrile

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.


Monica Bourgeois
QMS Representative



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