

Certificate of Analysis

ISO 17034

LC/MS Pesticide Standard #2

Product Number: 5190-0551-2

Page: 1 of 2

Lot Number: 0006489738

Lot Issue Date: 23-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
coumaphos	000056-72-4	RM12738	99.4	100.4 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM03902	97.3	100.4 ± 0.5 µg/mL
ethion	000563-12-2	RM14578	99.5	100.4 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM14246	99.5	100.3 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM14476	99.5	100.1 ± 0.5 µg/mL
vamidothion	002275-23-2	RM09403	97.5	100.1 ± 0.5 µg/mL
azamethiphos	035575-96-3	RM04164	98.8	100.0 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM11359	99.9	100.1 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM14278	98	100.0 ± 0.5 µg/mL
diniconazole	083657-24-3	RM14275	99.4	100.0 ± 0.5 µg/mL
ethoprop	013194-48-4	RM09236	98	100.2 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	99.6	100.4 ± 0.5 µg/mL
flusilazole	085509-19-9	RM13159	100	100.1 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM12416	98.9	100.3 ± 0.5 µg/mL
imazalil	035554-44-0	RM14247	99.5	100.4 ± 0.5 µg/mL
propiconazole	060207-90-1	RM10351	98.4	100.0 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03379	99	100.0 ± 0.5 µg/mL
uniconazole	083657-22-1	RM13893	99.5	100.1 ± 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.
AT-1937

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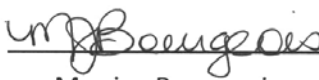
Expiration Date: 31-Oct-2020

Analyte	CAS#	Analyte Lot	Purity %	True Value
bromuconazole	116255-48-2	RM14714	99.4	100.0 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	99.5	100.1 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM06873	99.5	100.2 ± 0.5 µg/mL
ipconazole	125225-28-7	RM12706	98.53	100.3 ± 0.5 µg/mL
metconazole	125116-23-6	RM09745	99.5	100.1 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	99.3	100.1 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM09177	99.1	100.2 ± 0.5 µg/mL
triticonazole	131983-72-7	R0000056-1	98.7	100.2 ± 0.5 µg/mL
diazinon	000333-41-5	RM09202	99.3	100.3 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM13554	98	100.0 ± 0.5 µg/mL
bupirimate	041483-43-6	RM04148	99.3	100.0 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM09203	98.3	100.3 ± 0.5 µg/mL
epoxiconazole	133855-98-8	RM13872	98	100.2 ± 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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