



Certificate of Analysis

LC/MS Pesticide Standard #2

Part Number: 5190-0551-2

Lot Number: CT-1322

Date of release:

19 March 2019

Date of expiration:

30 April 2020

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Purity %	True Value
coumaphos	000056-72-4	RM14165	99.4	100.1 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM09164	97.7	100.3 ± 0.5 µg/mL
ethion	000563-12-2	RM14578	99.5	100.4 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM14246	99.5	100.2 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM09206	99.6	100.4 ± 0.5 µg/mL
vamidothion	002275-23-2	RM09403	97.5	100.1 ± 0.5 µg/mL
azamethiphos	035575-96-3	RM04164	98.8	100.2 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM14262	100	100.2 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM14278	98.0	100.5 ± 0.5 µg/mL
diniconazole	083657-24-3	RM14275	99.4	100.3 ± 0.5 µg/mL
ethoprop	013194-48-4	RM09236	98.0	100.5 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	99.6	100.2 ± 0.5 µg/mL
flusilazole	085509-19-9	RM13159	100	100.2 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM12416	98.9	100.1 ± 0.5 µg/mL
imazalil	035554-44-0	RM14247	99.5	100.4 ± 0.5 µg/mL
propiconazole	060207-90-1	RM10351	98.4	100.3 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03380	99.9	100.1 ± 0.5 µg/mL
uniconazole	083657-22-1	RM10076	99.3	100.4 ± 0.5 µg/mL



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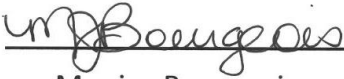
30 April 2020

Analyte	CAS#	Analyte Lot	Purity %	True Value
bromuconazole	116255-48-2	RM09984	99.3	100.2 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	99.5	100.4 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM06873	99.5	100.1 ± 0.5 µg/mL
ipconazole	125225-28-7	RM09412	99.6	100.2 ± 0.5 µg/mL
metconazole	125116-23-6	RM13178	98.9	100.1 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	99.3	100.4 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM12346	98.3	100.4 ± 0.5 µg/mL
triticonazole	131983-72-7	RM13892	97.7	100.2 ± 0.5 µg/mL
diazinon	000333-41-5	RM09202	99.3	100.4 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM13554	98.0	100.2 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	99.7	100.4 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM11064	98.4	100.3 ± 0.5 µg/mL
epoxiconazole	133855-98-8	RM13872	98.0	100.2 ± 0.5 µg/mL

Matrix: acetonitrile

Storage: Store Frozen (-25° to -10°C).

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.


Monica Bourgeois
QMS Representative