



Certificate of Analysis

LC/MS Pesticide Standard #2

Part Number: 5190-0551-2
Lot Number: 0006476769

Date of release: 09 July 2019
Date of expiration: 31 August 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 %	Certified Value
coumaphos	000056-72-4	RM14165	99.4	100.4 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM03902	97.3	100.2 ± 0.5 µg/mL
ethion	000563-12-2	RM14578	99.5	100.1 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM14246	99.5	100.0 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM14476	99.5	100.2 ± 0.5 µg/mL
vamidothion	002275-23-2	RM04614	95.2	100.4 ± 0.5 µg/mL
azamethiphos	035575-96-3	RM04164	98.8	100.2 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM14262	100.0	100.0 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM14278	98.0	100.2 ± 0.5 µg/mL
diniconazole	083657-24-3	RM14275	99.4	100.2 ± 0.5 µg/mL
ethoprop	013194-48-4	RM12690	98.8	100.3 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	99.6	100.2 ± 0.5 µg/mL
flusilazole	085509-19-9	RM13159	100.0	100.2 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM14645	99.5	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	100.1 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03380	99.9	100.1 ± 0.5 µg/mL
uniconazole	083657-22-1	RM13893	99.5	100.0 ± 0.5 µg/mL
bromuconazole	116255-48-2	RM14714	99.4	100.2 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	99.5	100.3 ± 0.5 µg/mL



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fluquinconazole	136426-54-5	RM06873	99.5	100.4 ± 0.5 µg/mL
ipconazole	125225-28-7	RM12706	98.5	100.1 ± 0.5 µg/mL
metconazole	125116-23-6	RM09745	99.5	100.2 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	99.3	100.1 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM09177	99.1	100.0 ± 0.5 µg/mL
triticonazole	131983-72-7	RM13892	97.7	100.0 ± 0.5 µg/mL
diazinon	000333-41-5	RM09202	99.3	100.3 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM13554	98.0	100.1 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	99.7	100.0 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM10016	97.8	100.1 ± 0.5 µg/mL
epoxiconazole	133855-98-8	RM13872	98.0	100.0 ± 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
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