



Certificate of Analysis

LC/MS Pesticide Standard #2

Part Number: 5190-0551-2

Lot Number: CS-3087

Date of release:

05 June 2018

Date of expiration:

31 July 2019

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	RM12738	99.4	100.2 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM09164	97.7	100.4 ± 0.5 µg/mL
ethion	000563-12-2	RM06668	99.5	100.1 ± 0.5 µg/mL
chlorpyriphos	002921-88-2	RM13347	99.5	99.6 ± 0.5 µg/mL
chlorpyriphos-methyl	005598-13-0	RM09206	99.6	100.4 ± 0.5 µg/mL
vamidothion	002275-23-2	RM04614	95.2	100.1 ± 0.5 µg/mL
azamethiphos	035575-96-3	RM04164	98.8	99.8 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM11359	99.9	100.2 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM12166	98.0	100.1 ± 0.5 µg/mL
diniconazole	083657-24-3	RM10352	99.4	99.9 ± 0.5 µg/mL
ethoprop	013194-48-4	RM09236	98.0	99.8 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	99.6	99.8 ± 0.5 µg/mL
flusilazole	085509-19-9	RM13159	100.0	100.1 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM12416	98.9	100.0 ± 0.5 µg/mL
imazalil	035554-44-0	RM12053	99.5	99.9 ± 0.5 µg/mL
propiconazole	060207-90-1	RM10351	98.4	99.8 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03379	99.0	99.7 ± 0.5 µg/mL
uniconazole	083657-22-1	RM13893	99.5	100.4 ± 0.5 µg/mL
bromuconazole	116255-48-2	RM09984	99.3	100.0 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	99.5	100.0 ± 0.5 µg/mL



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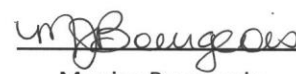
Analyte	CAS#	Analyte Lot	Purity %	Certified Value
fluquinconazole	136426-54-5	RM06873	99.5	99.8 ± 0.5 µg/mL
ipconazole	125225-28-7	RM12706	98.5	99.8 ± 0.5 µg/mL
metconazole	125116-23-6	RM13178	98.9	99.9 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	99.3	100.1 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM12346	98.3	100.1 ± 0.5 µg/mL
triticonazole	131983-72-7	RM13892	97.7	99.8 ± 0.5 µg/mL
diazinon	000333-41-5	RM09202	99.3	99.8 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM13554	98.0	99.8 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	99.7	100.2 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM11064	98.4	99.8 ± 0.5 µg/mL
epoxiconazole	133855-98-8	RM13872	98.0	99.9 ± 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.


John Russo
President


Monica Bourgeois
Director of QA/RA