



Certificate of Analysis

LC/MS Pesticide Standard #1

Part Number: 5190-0551-1

Date of release:

05 June 2018

Lot Number: CS-3086

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
guthion	000086-50-0	RM12019	98.5	100.1 ± 0.5 µg/mL
disulfoton	000298-04-4	RM13472	99.5	100.2 ± 0.5 µg/mL
azinthos-ethyl	002642-71-9	NT01982	99.0	100.4 ± 0.5 µg/mL
cycloate	001134-23-2	RM02853	98.0	100.5 ± 0.5 µg/mL
azaconazole	060207-31-0	RM11109	98.8	100.0 ± 0.5 µg/mL
buprofezin	069327-76-0	RM12349	99.1	100.3 ± 0.5 µg/mL
cymiazole	061676-87-7	RM11356	98.5	100.3 ± 0.5 µg/mL
diflufenican	083164-33-4	RM09143	99.7	100.4 ± 0.5 µg/mL
dimethachlor	050563-36-5	RM11948	99.5	100.0 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03717	99.4	100.1 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM13376	98.2	100.0 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM07308	98.5	100.2 ± 0.5 µg/mL
isoprothiolane	050512-35-1	RM10673	99.4	100.5 ± 0.5 µg/mL
methamidophos	010265-92-6	NT02147	99.0	100.5 ± 0.5 µg/mL
myclobutanil	088671-89-0	RM11253	98.6	100.2 ± 0.5 µg/mL
prochloraz	067747-09-5	RM07146	99.1	100.4 ± 0.5 µg/mL
tralkoxydim	087820-88-0	RM01475	99.3	100.3 ± 0.5 µg/mL
dimoxystrobin	149961-52-4	RM13935	99.9	100.1 ± 0.5 µg/mL
flufenacet	142459-58-3	RM13363	99.4	100.0 ± 0.5 µg/mL
fluopicolide	239110-15-7	RM11845	99.5	100.2 ± 0.5 µg/mL



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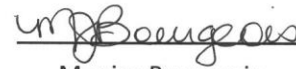
Analyte	CAS#	Analyte Lot	Purity %	Certified Value
proquinazid	189278-12-4	RM11324	98.0	100.0 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM09070	99.5	100.0 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM11361	98.9	100.3 ± 0.5 µg/mL
lenacil	002164-08-1	RM00688	99.3	100.2 ± 0.5 µg/mL
acephate	030560-19-1	RM11976	99.5	100.2 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09618	99.6	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.


John Russo
President


Monica Bourgeois
Director of QA/RA