



Certificate of Analysis

LC/MS Pesticide Standard #1

Part Number: 5190-0551-1

Lot Number: 0006476768

Date of release:

08 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 %	True Value
guthion	000086-50-0	RM14898	97.4	100.3 ± 0.5 µg/mL
disulfoton	000298-04-4	RM14820	97.9	99.9 ± 0.5 µg/mL
azinphos-ethyl	002642-71-9	RM12439	99.2	100.2 ± 0.5 µg/mL
cycloate	001134-23-2	RM02853	98.0	100.0 ± 0.5 µg/mL
azaconazole	060207-31-0	RM11109	98.8	99.8 ± 0.5 µg/mL
buprofezin	069327-76-0	RM14458	99.0	100.0 ± 0.5 µg/mL
cymiazole	061676-87-7	RM14864	99.8	99.8 ± 0.5 µg/mL
diflufenican	083164-33-4	RM09143	99.7	99.7 ± 0.5 µg/mL
dimethachlor	050563-36-5	RM10607	98.0	100.0 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03736	98.5	100.5 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM14623	98.2	100.2 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM11202	98.9	99.9 ± 0.5 µg/mL
isoprothiolane	050512-35-1	RM14282	99.5	100.5 ± 0.5 µg/mL
methamidophos	010265-92-6	RM09247	99.8	99.8 ± 0.5 µg/mL
myclobutanil	088671-89-0	RM12167	98.6	99.6 ± 0.5 µg/mL
prochloraz	067747-09-5	RM10711	99.2	100.2 ± 0.5 µg/mL
tralkoxydim	087820-88-0	RM13030	99.2	100.2 ± 0.5 µg/mL
dimoxystrobin	149961-52-4	RM13935	99.9	99.9 ± 0.5 µg/mL



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flufenacet	142459-58-3	RM13363	99.4	100.4 ± 0.5 µg/mL
fluopicolide	239110-15-7	RM11845	99.5	100.5 ± 0.5 µg/mL
proquinazid	189278-12-4	RM09270	99.6	99.8 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM09070	99.5	99.5 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM14628	99.0	100.0 ± 0.5 µg/mL
lenacil	002164-08-1	RM13354	98.9	99.9 ± 0.5 µg/mL
acephate	030560-19-1	RM14041	99.5	99.5 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM14793	99.5	100.5 ± 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