



Certificate of Analysis

LC/MS Pesticide Standard #1

Part Number: 5190-0551-1

Lot Number: CR-3844

Date of Release: 24-Aug 2017

Date of Expiration: 30-Sep 2018

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	RM12019	98.5 %	100.4 ± 0.5 µg/mL
disulfoton	000298-04-4	RM12628	99.5 %	100.4 ± 0.5 µg/mL
azinphos-ethyl	002642-71-9	RM12439	99.2 %	100.1 ± 0.5 µg/mL
cycloate	001134-23-2	RM02853	98.0 %	100.1 ± 0.5 µg/mL
azaconazole	060207-31-0	RM11109	98.8 %	100.2 ± 0.5 µg/mL
buprofezin	069327-76-0	RM12349	99.1 %	100.1 ± 0.5 µg/mL
cymiazole	061676-87-7	RM02747	99.0 %	100.4 ± 0.5 µg/mL
diflufenican	083164-33-4	RM09143	99.7 %	100.1 ± 0.5 µg/mL
dimethachlor	050563-36-5	RM10607	98.0 %	100.2 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03736	98.5 %	100.2 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM09878	99.0 %	100.3 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM07308	98.5 %	100.3 ± 0.5 µg/mL
isoprothiolane	050512-35-1	RM10614	99.4 %	100.4 ± 0.5 µg/mL
methamidophos	010265-92-6	RM10856	99.5 %	100.4 ± 0.5 µg/mL
myclobutanil	088671-89-0	RM12167	98.6 %	100.2 ± 0.5 µg/mL
prochloraz	067747-09-5	RM10711	99.2 %	100.2 ± 0.5 µg/mL
tralkoxydim	087820-88-0	RM01475	99.3 %	100.4 ± 0.5 µg/mL
dimoxystrobin	149961-52-4	RM12564	99.9 %	100.2 ± 0.5 µg/mL
flufenacet	142459-58-3	RM10386	99.5 %	100.1 ± 0.5 µg/mL
fluopicolide	239110-15-7	RM09767	99.5 %	100.1 ± 0.5 µg/mL
proquinazid	189278-12-4	RM11324	98.0 %	100.4 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM09070	99.5 %	100.1 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM08244	98.5 %	100.1 ± 0.5 µg/mL
lenacil	002164-08-1	RM04735	99.0 %	100.4 ± 0.5 µg/mL
acephate	030560-19-1	RM11783	99.5 %	100.4 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	98.5 %	100.4 ± 0.5 µg/mL

Solvent: acetonitrile**Storage:** Store Frozen (-25° to -10°C)



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Analyte

CAS#

Analyte Lot

Purity

True Value

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


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