



Certificate of Analysis

LC/MS Pesticide Standard #7

Part Number: 5190-0551-7

Lot Number: CT-1349

Date of release:

19 March 2019

Date of expiration:

30 April 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
rotenone	000083-79-4	RM12468	96.8	100.3 ± 0.5 µg/mL
fenuron	000101-42-8	RM02972	99.0	100.2 ± 0.5 µg/mL
methoprotryne	000841-06-5	RM12763	97.8	100.0 ± 0.5 µg/mL
mexacarbate	000315-18-4	NT00502	97.0	100.3 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02852	99.0	100.1 ± 0.5 µg/mL
cycluron	002163-69-1	RM12677	99.1	100.4 ± 0.5 µg/mL
dioxacarb	006988-21-2	NT01627	99.0	100.2 ± 0.5 µg/mL
methiocarb	002032-65-7	RM14577	99.5	100.1 ± 0.5 µg/mL
promecarb	002631-37-0	RM03272	99.0	100.4 ± 0.5 µg/mL
temephos	003383-96-8	RM06734	95.6	100.3 ± 0.5 µg/mL
abamectin	071751-41-2	RM13595	100	100.1 ± 0.5 µg/mL
benzoximate	029104-30-1	RM09851	99.1	100.1 ± 0.5 µg/mL
chlorotoluron	015545-48-9	RM14323	99.5	100.1 ± 0.5 µg/mL
forchlorfenuron	068157-60-8	RM14176	98.7	100.2 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM13980	99.8	100.2 ± 0.5 µg/mL
hexaflumuron	086479-06-3	RM14081	99.3	100.4 ± 0.5 µg/mL
hydramethylnon	067485-29-4	RM11358	99.9	100.4 ± 0.5 µg/mL
ivermectine	070288-86-7	RM11118	94.0	100.4 ± 0.5 µg/mL



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pyracarbolid	024691-76-7	RM03278	99.4	100.3 ± 0.5 µg/mL
secbumeton	026259-45-0	RM12376	96.5	100.1 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM12694	99.5	100.2 ± 0.5 µg/mL
thidiazuron	051707-55-2	RM10925	99.5	100.4 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10401	98.4	100.4 ± 0.5 µg/mL
flubendiamide	272451-65-7	RM09735	98.3	100.1 ± 0.5 µg/mL
moxidectin	113507-06-5	RM14015	95.8	100.1 ± 0.5 µg/mL
nitenpyram	150824-47-8	RM07333	99.9	100.2 ± 0.5 µg/mL
pymetrozine	123312-89-0	RM12151	99.5	100.2 ± 0.5 µg/mL
quinmerac	090717-03-6	RM10031	99.9	100.1 ± 0.5 µg/mL
bispyribac-sodium	125401-92-5	RM12980	99.5	100.3 ± 0.5 µg/mL
spinosad	168316-95-8	RM09344	98.1	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.

Monica Bourgeois
QMS Representative