



Certificate of Analysis

LC/MS Pesticide Standard #7

Part Number: 5190-0551-7

Lot Number: CS-3102

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
rotenone	000083-79-4	RM12468	96.8	99.7 ± 0.5 µg/mL
fenuron	000101-42-8	RM02973	99.0	100.0 ± 0.5 µg/mL
methoprotryne	000841-06-5	RM07495	96.9	99.8 ± 0.5 µg/mL
mexacarbate	000315-18-4	NT00502	97.0	99.9 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02734	99.0	100.0 ± 0.5 µg/mL
cycluron	002163-69-1	RM02782	99.5	100.5 ± 0.5 µg/mL
dioxacarb	006988-21-2	NT01990	99.0	100.0 ± 0.5 µg/mL
methiocarb	002032-65-7	RM00219	98.9	99.9 ± 0.5 µg/mL
promecarb	002631-37-0	RM03271	99.0	100.0 ± 0.5 µg/mL
temephos	003383-96-8	RM10837	95.6	100.4 ± 0.5 µg/mL
abamectin	071751-41-2	RM10375	98.3	100.3 ± 0.5 µg/mL
benzoximate	029104-30-1	RM09851	99.1	100.1 ± 0.5 µg/mL
chlorotoluron	015545-48-9	RM11189	99.4	100.4 ± 0.5 µg/mL
forchlorfenuron	068157-60-8	RM06847	99.2	100.2 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM13980	99.8	99.8 ± 0.5 µg/mL
hexaflumuron	086479-06-3	RM11890	99.3	100.3 ± 0.5 µg/mL
hydramethylnon	067485-29-4	RM13171	99.0	100.0 ± 0.5 µg/mL
ivermectine	070288-86-7	RM05930	97.0	99.9 ± 0.5 µg/mL
pyracarbolid	024691-76-7	RM09286	99.8	99.8 ± 0.5 µg/mL
sebumeton	026259-45-0	RM03309	98.5	100.5 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM12946	99.5	100.5 ± 0.5 µg/mL
thidiazuron	051707-55-2	RM10013	99.8	99.8 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10018	98.9	99.9 ± 0.5 µg/mL



Certificate of Analysis

LC/MS Pesticide Standard #7

Part Number: 5190-0551-7
Lot Number: CS-3102

Date of release: 05 June 2018
Date of expiration: 31 July 2019

Analyte	CAS#	Analyte Lot	Purity %	Certified Value
flubendiamide	272451-65-7	RM09735	98.3	100.3 ± 0.5 µg/mL
moxidectin	113507-06-5	RM14015	95.8	99.6 ± 0.5 µg/mL
nitenpyram	150824-47-8	RM07333	99.9	99.9 ± 0.5 µg/mL
pymetrozine	123312-89-0	RM06348	99.5	100.5 ± 0.5 µg/mL
quinmerac	090717-03-6	RM10031	99.9	99.9 ± 0.5 µg/mL
bispyribac-sodium	125401-92-5	RM10065	99.4	100.4 ± 0.5 µg/mL
spinosad	168316-95-8	RM10676	96.6	100.5 ± 0.5 µg/mL

Solvent: 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