



# Certificate of Analysis

## LC/MS Pesticide Standard #7

Part Number: 5190-0551-7

Lot Number: CR-4959

Date of Release: 27-Nov 2017

Date of Expiration: 30-Nov 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
rotenone	000083-79-4	RM12468	96.8 %	100.3 ± 0.5 µg/mL
fenuron	000101-42-8	RM02972	99.0 %	100.3 ± 0.5 µg/mL
methoprotryne	000841-06-5	RM12763	97.8 %	100.3 ± 0.5 µg/mL
mexacarbate	000315-18-4	NT00502	97.0 %	100.3 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02734	99.0 %	100.5 ± 0.5 µg/mL
cycluron	002163-69-1	RM12677	99.1 %	100.0 ± 0.5 µg/mL
dioxacarb	006988-21-2	RM11669	99.5 %	100.2 ± 0.5 µg/mL
methiocarb	002032-65-7	RM12688	99.5 %	100.0 ± 0.5 µg/mL
promecarb	002631-37-0	RM03272	99.0 %	100.1 ± 0.5 µg/mL
temephos	003383-96-8	RM10837	95.6 %	100.4 ± 0.5 µg/mL
abamectin	071751-41-2	RM12073	98.6 %	100.5 ± 0.5 µg/mL
benzoximate	029104-30-1	RM09851	99.1 %	100.2 ± 0.5 µg/mL
chlorotoluron	015545-48-9	RM11189	99.4 %	100.0 ± 0.5 µg/mL
forchlorfenuron	068157-60-8	RM11813	98.7 %	100.2 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM04042	99.5 %	100.3 ± 0.5 µg/mL
hexaflumuron	086479-06-3	RM11890	99.3 %	100.0 ± 0.5 µg/mL
hydramethylnon	067485-29-4	RM03117	99.0 %	100.2 ± 0.5 µg/mL
ivermectine	070288-86-7	RM11118	94.0 %	100.4 ± 0.5 µg/mL
pyracarbolid	024691-76-7	RM09286	99.8 %	100.3 ± 0.5 µg/mL
secbumeton	026259-45-0	RM03309	98.5 %	100.5 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM12946	99.5 %	100.4 ± 0.5 µg/mL
thidiazuron	051707-55-2	RM09699	99.5 %	100.5 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10401	98.4 %	100.3 ± 0.5 µg/mL
flubendiamide	272451-65-7	RM09735	98.3 %	100.5 ± 0.5 µg/mL
moxidectin	113507-06-5	RM05879	96.5 %	100.1 ± 0.5 µg/mL
nitenpyram	150824-47-8	RM12138	99.5 %	100.0 ± 0.5 µg/mL
pymetrozine	123312-89-0	RM12151	99.5 %	100.4 ± 0.5 µg/mL
quinmerac	090717-03-6	RM10603	99.0 %	100.2 ± 0.5 µg/mL
bispyribac-sodium	125401-92-5	RM12980	99.5 %	100.2 ± 0.5 µg/mL
spinosad	168316-95-8	RM09020	96.6 %	100.3 ± 0.5 µg/mL



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Analyte	CAS#	Analyte Lot	Purity	True Value
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

  
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