

Certificate of Analysis

ISO Guide 34

LC/MS Pesticide Standard #7

Product Number: 5190-0551-7

Page: 1 of 2

Lot Number: CS-4563

Lot Issue Date: 14-Sep-2018

Expiration Date: 31-Oct-2019

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Purity %	True Value
rotenone	000083-79-4	RM12468	96.8	100.2 ± 0.5 µg/mL
fenuron	000101-42-8	RM02972	99	100.3 ± 0.5 µg/mL
methoprotrotyne	000841-06-5	RM12763	97.8	100.4 ± 0.5 µg/mL
mexacarbate	000315-18-4	NT00502	97	100.1 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02851	99	100.4 ± 0.5 µg/mL
cycluron	002163-69-1	RM12677	99.1	100.1 ± 0.5 µg/mL
dioxacarb	006988-21-2	NT01627	99	100.2 ± 0.5 µg/mL
methiocarb	002032-65-7	RM13712	99.5	100.1 ± 0.5 µg/mL
promecarb	002631-37-0	RM03272	99	100.4 ± 0.5 µg/mL
temephos	003383-96-8	RM10837	95.6	100.3 ± 0.5 µg/mL
abamectin	071751-41-2	RM10375	98.3	100.2 ± 0.5 µg/mL
benzoximate	029104-30-1	RM09851	99.1	100.4 ± 0.5 µg/mL
chlorotoluron	015545-48-9	RM12495	99.4	100.1 ± 0.5 µg/mL
forchlorfenuron	068157-60-8	RM11813	98.7	100.4 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM13980	99.8	100.2 ± 0.5 µg/mL
hexaflumuron	086479-06-3	RM14081	99.3	100.2 ± 0.5 µg/mL
hydramethylnon	067485-29-4	RM11358	99.9	100.4 ± 0.5 µg/mL
ivermectine	070288-86-7	RM11118	94	100.1 ± 0.5 µg/mL



ISO Guide 34 Cert No.
AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Management System



ISO17025 Cert No.
AT-1937

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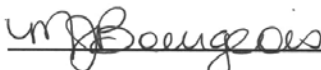
Expiration Date: 31-Oct-2019

Analyte	CAS#	Analyte Lot	Purity %	True Value
pyracarbolid	024691-76-7	RM09286	99.8	100.1 ± 0.5 µg/mL
sebumeton	026259-45-0	RM12376	96.5	100.1 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM12694	99.5	100.4 ± 0.5 µg/mL
thidiazuron	051707-55-2	RM10925	99.5	100.3 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10018	98.9	100.2 ± 0.5 µg/mL
flubendiamide	272451-65-7	RM09735	98.3	100.1 ± 0.5 µg/mL
moxidectin	113507-06-5	RM14015	95.8	100.4 ± 0.5 µg/mL
nitenpyram	150824-47-8	RM12138	99.5	100.1 ± 0.5 µg/mL
pymetrozine	123312-89-0	RM12151	99.5	100.1 ± 0.5 µg/mL
quinmerac	090717-03-6	RM10031	99.9	100.4 ± 0.5 µg/mL
bispyribac-sodium	125401-92-5	RM12980	99.5	100.1 ± 0.5 µg/mL
spinosad	168316-95-8	RM09344	98.1	100.4 ± 0.5 µg/mL

Matrix: acetonitrile

Storage: Store Frozen (-25° to -10°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.


Monica Bourgeois
QMS Representative



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