

Certificate of Analysis

ISO 17034

LC/MS Pesticide Standard #7

Product Number: 5190-0551-7

Page: 1 of 2

Lot Number: 0006489744

Lot Issue Date: 20-Sep-2019

Expiration Date: 31-Oct-2020

This ISO 17034 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	100.3 ± 0.5 µg/mL
mexacarbate	000315-18-4	NT00502	97	100.2 ± 0.5 µg/mL
chloroxuron	001982-47-4	RM02852	99	100.1 ± 0.5 µg/mL
cycluron	002163-69-1	RM02782	99.5	100.2 ± 0.5 µg/mL
dioxacarb	006988-21-2	R0000133-1	98.6	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	100.1 ± 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	RM14754	98	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	100.1 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM13980	99.8	100.1 ± 0.5 µg/mL
hexaflumuron	086479-06-3	RM14081	99.3	100.1 ± 0.5 µg/mL
hydramethylnon	067485-29-4	RM13171	99	100.1 ± 0.5 µg/mL
ivermectine	070288-86-7	RM11118	94	100.2 ± 0.5 µg/mL



ISO 17034 Cert No.
AR-1936

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



ISO 17025 Cert No.
AT-1937

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Page: 2 of 2

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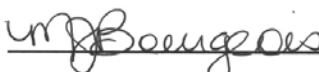
Expiration Date: 31-Oct-2020

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	100.2 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM12946	99.5	100.1 ± 0.5 µg/mL
thidiazuron	051707-55-2	RM10925	99.5	100.2 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10018	98.9	100.1 ± 0.5 µg/mL
flubendiamide	272451-65-7	RM15440	98.6	100.1 ± 0.5 µg/mL
moxidectin	113507-06-5	RM14015	95.8	100.3 ± 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	100.2 ± 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	100.1 ± 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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