

Certificate of Analysis

ISO Guide 34

LC/MS Pesticide Standard #3

Product Number: 5190-0551-3

Page: 1 of 3

Lot Number: CS-4718

Lot Issue Date: 26-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
phenthoate	002597-03-7	RM14079	99.5	100.3 ± 0.5 µg/mL
malathion	000121-75-5	RM12444	98	100.2 ± 0.5 µg/mL
propham	000122-42-9	RM03274	99	100.2 ± 0.5 µg/mL
tolylfluanid	000731-27-1	RM11893	99.1	100.2 ± 0.5 µg/mL
malaoxon	001634-78-2	RM12052	98.1	100.4 ± 0.5 µg/mL
mevinphos	007786-34-7	RM09377	98.1	100.2 ± 0.5 µg/mL
molinate	002212-67-1	RM13577	98.2	100.4 ± 0.5 µg/mL
phosalone	002310-17-0	RM03270	98	100.2 ± 0.5 µg/mL
bitertanol	055179-31-2	RM09739	99.3	100.4 ± 0.5 µg/mL
clethodim	099129-21-2	RM14284	96.6	100.4 ± 0.5 µg/mL
etofenprox	080844-07-1	RM09144	99.8	100.2 ± 0.5 µg/mL
metazachlor	067129-08-2	RM14128	99.7	100.1 ± 0.5 µg/mL
metolachlor	051218-45-2	RM14107	97.3	100.1 ± 0.5 µg/mL
oxadiazon	019666-30-9	RM11864	99.5	100.1 ± 0.5 µg/mL
oxadixyl	077732-09-3	RM11769	99.5	100.2 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM11880	99.2	100.3 ± 0.5 µg/mL
penconazole	066246-88-6	RM09383	99	100.4 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM13741	99.5	100.2 ± 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



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Analyte	CAS#	Analyte Lot	Purity %	True Value
phosphamidon	013171-21-6	RM09704	97.6	100.3 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM09253	99.1	100.4 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM13291	98.5	100.3 ± 0.5 µg/mL
procymidone	032809-16-8	RM12692	99.2	100.2 ± 0.5 µg/mL
profenophos	041198-08-7	RM13344	96.6	100.3 ± 0.5 µg/mL
propetamphos	031218-83-4	RM03252	97.1	100.4 ± 0.5 µg/mL
pronamide	023950-58-5	RM11321	99.8	100.4 ± 0.5 µg/mL
quinalphos	013593-03-8	RM09142	99.9	100.2 ± 0.5 µg/mL
terbufos	013071-79-9	RM09251	99.3	100.1 ± 0.5 µg/mL
tolclofos-methyl	057018-04-9	RM06771	98	100.5 ± 0.5 µg/mL
triadimefon	043121-43-3	NT01684	99	100.1 ± 0.5 µg/mL
triazophos	024017-47-8	RM13584	98.5	100.3 ± 0.5 µg/mL
triflumizole	068694-11-1	RM07061	99.5	100.1 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM09147	97.4	100.4 ± 0.5 µg/mL
fenhexamid	126833-17-8	RM11815	98.9	100.4 ± 0.5 µg/mL
isoxaflutole	141112-29-0	RM03077	99.5	100.3 ± 0.5 µg/mL
mepanipyrim	110235-47-7	RM11364	99.9	100.3 ± 0.5 µg/mL
picolinafen	137641-05-5	RM13888	99.9	100.4 ± 0.5 µg/mL
quinoxiphen	124495-18-7	RM14287	99.6	100.2 ± 0.5 µg/mL
tebufenpyrad	119168-77-3	RM09291	99.9	100.1 ± 0.5 µg/mL
tepraloxym	149979-41-9	RM12573	98.8	100.2 ± 0.5 µg/mL



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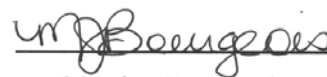
Expiration Date: 31-Oct-2019

Analyte	CAS#	Analyte Lot	Purity %	True Value
mecarbam	002595-54-2	RM10104	98.2	100.2 ± 0.5 µg/mL
metalaxyl	057837-19-1	RM00658	99.896	100.4 ± 0.5 µg/mL
foramsulfuron	173159-57-4	RM13352	95.3	100.1 ± 0.5 µg/mL
methidathion	000950-37-8	RM03745	99.5	100.2 ± 0.5 µg/mL
indoxacarb	173584-44-6	RM10019	98.3	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/NCSL 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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