

Certificate of Analysis

ISO Guide 34

Pesticide MSD Mix-4

Product Number: CUS-18795D

Page: 1 of 2

Lot Number: CS-4412

Lot Issue Date: 30-Aug-2018

Expiration Date: 30-Sep-2020

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
bifenthrin	082657-04-3	RM12166	100.4 ± 0.5 µg/mL
cyfluthrin	068359-37-5	RM09765	100.3 ± 0.5 µg/mL
cypermethrin	052315-07-8	RM07722	100.4 ± 0.5 µg/mL
deltamethrin	052918-63-5	RM09138	100.2 ± 0.5 µg/mL
etofenprox	080844-07-1	RM09144	100.4 ± 0.5 µg/mL
fenpropathrin	039515-41-8	RM12031	100.1 ± 0.5 µg/mL
fenvalerate	051630-58-1	RM09132	100.1 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM13741	100.3 ± 0.5 µg/mL
permethrins (mixed isomers,total)	052645-53-1	RM10021	100.2 ± 0.5 µg/mL
tefluthrin	079538-32-2	RM12009	100.1 ± 0.5 µg/mL
tetramethrin	007696-12-0	RM03457	100.4 ± 0.5 µg/mL
azoxystrobin	131860-33-8	RM09134	100.3 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	100.4 ± 0.5 µg/mL
buprofezin	069327-76-0	RM12349	100.2 ± 0.5 µg/mL
cyprodinil	121552-61-2	RM09130	100.4 ± 0.5 µg/mL
fenarimol	060168-88-9	RM07334	100.4 ± 0.5 µg/mL
kresoxim-methyl	143390-89-0	RM09176	100.1 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM10705	100.4 ± 0.5 µg/mL
ethalfluralin	055283-68-6	RM03735	100.1 ± 0.5 µg/mL
fenhexamid	126833-17-8	RM11815	100.3 ± 0.5 µg/mL
trifluralin	001582-09-8	RM09256	100.4 ± 0.5 µg/mL

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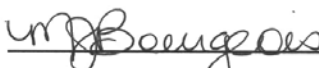
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Analyte	CAS#	Analyte Lot	True Value
flamprop-methyl	052756-25-9	RM02977	100.4 ± 0.5 µg/mL
benalaxyl	071626-11-4	RM11359	100.3 ± 0.5 µg/mL
furalaxyl	057646-30-7	RM13980	100.4 ± 0.5 µg/mL
metalaxyl	057837-19-1	RM00658	100.2 ± 0.5 µg/mL
captan	000133-06-2	RM02848	100.3 ± 0.5 µg/mL
folpet	000133-07-3	RM09175	100.4 ± 0.5 µg/mL
procymidone	032809-16-8	RM12692	100.2 ± 0.5 µg/mL
propyzamide	023950-58-5	RM11321	100.2 ± 0.5 µg/mL
tolyfluanid	000731-27-1	RM11893	100.4 ± 0.5 µg/mL
vinclozolin	050471-44-8	RM04638	100.4 ± 0.5 µg/mL

Matrix: acetone**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
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