

Certificate of Analysis

ISO Guide 34

Pesticide MSD Mix-1

Product Number: CUS-18795A**Page:** 1 of 3**Lot Number:** CS-4324**Lot Issue Date:** 27-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
acephate	030560-19-1	RM11976	100.2 ± 0.5 µg/mL
azinphos-methyl	000086-50-0	RM12019	100.2 ± 0.5 µg/mL
bromophos-ethyl	004824-78-6	RM12472	100.2 ± 0.5 µg/mL
bromophos-methyl	002104-96-3	RM02691	100.1 ± 0.5 µg/mL
cadusafos	095465-99-9	RM09382	100.2 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM03902	100.1 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM13347	100.1 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM09206	100.3 ± 0.5 µg/mL
coumaphos	000056-72-4	RM14165	100.2 ± 0.5 µg/mL
cyanofenphos	013067-93-1	RM13567	100.1 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM11354	100.2 ± 0.5 µg/mL
dicrotophos	000141-66-2	RM10892	100.4 ± 0.5 µg/mL
diazinon	000333-41-5	RM13575	100.2 ± 0.5 µg/mL
dichlofenthion	000097-17-6	RM00208	100.3 ± 0.5 µg/mL
dimethoate	000060-51-5	RM13747	100.2 ± 0.5 µg/mL
ethion	000563-12-2	RM07079	100.4 ± 0.5 µg/mL
ethoprosfos	013194-48-4	RM09236	100.2 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03736	100.3 ± 0.5 µg/mL
fenthion	000055-38-9	RM14126	100.1 ± 0.5 µg/mL
fenitrothion	000122-14-5	RM09238	100.4 ± 0.5 µg/mL
fonofos	000944-22-9	RM13800	100.3 ± 0.5 µg/mL

Certificate of Analysis

ISO Guide 34

Pesticide MSD Mix-1

Product Number: CUS-18795A

Page: 2 of 3

Lot Number: CS-4324

Lot Issue Date: 27-Aug-2018

Expiration Date: 30-Sep-2020

Analyte	CAS#	Analyte Lot	True Value
heptenophos	023560-59-0	RM09237	100.3 ± 0.5 µg/mL
iodofenphos	018181-70-9	RM10349	100.4 ± 0.5 µg/mL
malathion	000121-75-5	RM12444	100.3 ± 0.5 µg/mL
mecarbam	002595-54-2	RM10104	100.2 ± 0.5 µg/mL
methamidophos	010265-92-6	RM12755	100.2 ± 0.5 µg/mL
mevinphos	007786-34-7	RM09377	100.4 ± 0.5 µg/mL
monocrotophos	006923-22-4	RM12452	100.1 ± 0.5 µg/mL
methyl parathion	000298-00-0	RM14048	100.2 ± 0.5 µg/mL
omethoate	001113-02-6	RM10350	100.2 ± 0.5 µg/mL
phenthoate	002597-03-7	RM12554	100.3 ± 0.5 µg/mL
phorate	000298-02-2	RM14125	100.2 ± 0.5 µg/mL
pirimiphos-ethyl	023505-41-1	RM11142	100.1 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM13291	100.3 ± 0.5 µg/mL
phosphamidon	013171-21-6	RM10256	100.3 ± 0.5 µg/mL
phosalone	002310-17-0	RM03270	100.4 ± 0.5 µg/mL
phosmet	000732-11-6	RM03255	100.2 ± 0.5 µg/mL
profenophos	041198-08-7	RM13344	100.1 ± 0.5 µg/mL
prothiophos	034643-46-4	RM13789	100.3 ± 0.5 µg/mL
pyrazophos	013457-18-6	RM10507	100.4 ± 0.5 µg/mL
quinalphos	013593-03-8	RM09142	100.1 ± 0.5 µg/mL
triazophos	024017-47-8	RM13584	100.3 ± 0.5 µg/mL

Matrix: acetonitrile

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



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

Certificate of Analysis

ISO Guide 34

Pesticide MSD Mix-1

Product Number: CUS-18795A

Page: 3 of 3

Lot Number: CS-4324

Lot Issue Date: 27-Aug-2018

Expiration Date: 30-Sep-2020

Analyte

CAS#

Analyte Lot

True Value

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



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