



Certificate of Analysis

Pesticide MSD Mix-1

Product Number: CUS-18795-1

Page: 1 of 2

Lot Number: CM-6154

Lot Issue Date: 03-Dec-2015

Expiration Date: 31-Jan-2018

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's 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	RM07358	100.3 ± 0.5 µg/mL
azinphos-methyl	000086-50-0	RM06810	100.3 ± 0.5 µg/mL
bromophos-ethyl	004824-78-6	RM07305	100.3 ± 0.5 µg/mL
bromophos-methyl	002104-96-3	RM02691	100.4 ± 0.5 µg/mL
cadusafos	095465-99-9	RM09758	100.3 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM09164	100.3 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM09586	100.1 ± 0.5 µg/mL
chlorpyrifos-methyl	005598-13-0	RM10219	100.4 ± 0.5 µg/mL
coumaphos	000056-72-4	RM07758	100.1 ± 0.5 µg/mL
cyanofenphos	013067-93-1	RM04878	100.4 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM10132	100.4 ± 0.5 µg/mL
dicrotophos	000141-66-2	RM10892	100.1 ± 0.5 µg/mL
diazinon	000333-41-5	RM09507	100.1 ± 0.5 µg/mL
dichlofenthion	000097-17-6	RM00208	100.4 ± 0.5 µg/mL
dimethoate	000060-51-5	RM10505	100.1 ± 0.5 µg/mL
ethion	000563-12-2	RM07079	100.4 ± 0.5 µg/mL
ethoprosfos	013194-48-4	RM09752	100.4 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03736	100.4 ± 0.5 µg/mL
fenthion	000055-38-9	RM10005	100.3 ± 0.5 µg/mL
fenitrothion	000122-14-5	RM10645	100.3 ± 0.5 µg/mL
fonofos	000944-22-9	RM09961	100.4 ± 0.5 µg/mL
heptenophos	023560-59-0	RM10792	100.3 ± 0.5 µg/mL
iodofenphos	018181-70-9	RM07144	100.1 ± 0.5 µg/mL
malathion	000121-75-5	RM07001	100.1 ± 0.5 µg/mL
mecarbam	002595-54-2	RM10104	100.2 ± 0.5 µg/mL
methamidophos	010265-92-6	RM10856	100.1 ± 0.5 µg/mL
mevinphos	007786-34-7	RM10706	100.0 ± 0.5 µg/mL

ULTRA 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.



ISO 9001
Registered
TUV USA, Inc.


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monocrotophos	006923-22-4	RM03146	100.1 ± 0.5 µg/mL
methyl parathion	000298-00-0	RM10613	100.4 ± 0.5 µg/mL
omethoate	001113-02-6	RM10350	100.3 ± 0.5 µg/mL
phenthoate	002597-03-7	RM09753	100.1 ± 0.5 µg/mL
phorate	000298-02-2	RM10514	100.4 ± 0.5 µg/mL
pirimiphos-ethyl	023505-41-1	RM06226	100.4 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM07746	100.2 ± 0.5 µg/mL
phosphamidon	013171-21-6	RM10256	100.2 ± 0.5 µg/mL
phosalone	002310-17-0	RM03270	100.5 ± 0.5 µg/mL
phosmet	000732-11-6	RM03255	100.3 ± 0.5 µg/mL
profenophos	041198-08-7	RM10242	100.3 ± 0.5 µg/mL
prothiophos	034643-46-4	RM10210	100.3 ± 0.5 µg/mL
pyrazophos	013457-18-6	RM04729	100.3 ± 0.5 µg/mL
quinalphos	013593-03-8	RM10247	100.4 ± 0.5 µg/mL
triazophos	024017-47-8	RM08245	100.4 ± 0.5 µg/mL

Matrix: acetonitrile**Storage:** Store Refrigerated (2° - 8°C)

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