

Certificate of Analysis

ISO Guide 34

Organophosphorous Pesticides Mixture

Product Number: SPM-824

Page: 1 of 2

Lot Number: CS-3714

Lot Issue Date: 16-Jul-2018

Expiration Date: 30-Nov-2018

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA'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	True Value
guthion	000086-50-0	RM12019	200.4 ± 1.0 µg/mL
bolstar	035400-43-2	RM04166	200.4 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	RM13347	200.4 ± 1.0 µg/mL
coumaphos	000056-72-4	RM12738	200.1 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM13709	200.5 ± 1.0 µg/mL
diazinon	000333-41-5	RM09202	200.9 ± 1.0 µg/mL
dichlorvos	000062-73-7	RM11064	200.6 ± 1.0 µg/mL
disulfoton	000298-04-4	RM13472	200.5 ± 1.0 µg/mL
ethoprop	013194-48-4	RM09236	200.2 ± 1.0 µg/mL
fensulfothion	000115-90-2	RM13471	200.2 ± 1.0 µg/mL
fenthion	000055-38-9	RM10005	200.4 ± 1.0 µg/mL
merphos	000150-50-5	RM13416	200.7 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM14048	200.2 ± 1.0 µg/mL
mevinphos	007786-34-7	RM09377	200.5 ± 1.0 µg/mL
naled	000300-76-5	RM12651	200.9 ± 1.0 µg/mL
phorate	000298-02-2	RM14125	200.1 ± 1.0 µg/mL
fenchlorphos	000299-84-3	RM09249	200.9 ± 1.0 µg/mL
tetrachlorvinphos	022248-79-9	RM05693	200.2 ± 1.0 µg/mL
tokuthion	034643-46-4	RM13789	200.9 ± 1.0 µg/mL
trichloronate	000327-98-0	RM14116	200.6 ± 1.0 µg/mL

Matrix: hexane/acetone (1:1)



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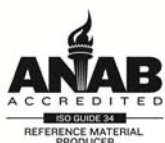
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Storage: Store at Room Temperature (15° to 30°C).

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



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