

Certificate of Analysis

ISO Guide 34

Organophosphorous Pesticides Standard

Product Number: SPM-824 **Page:** 1 of 2
Lot Number: CS-4585 **Lot Issue Date:** 14-Sep-2018 **Expiration Date:** 31-Jan-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	True Value
guthion	000086-50-0	RM12019	200.0 ± 1.0 µg/mL
bolstar	035400-43-2	RM04166	200.5 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	RM09198	200.6 ± 1.0 µg/mL
coumaphos	000056-72-4	RM14165	200.4 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM11615	200.5 ± 1.0 µg/mL
diazinon	000333-41-5	RM09202	200.0 ± 1.0 µg/mL
dichlorvos	000062-73-7	RM09203	200.4 ± 1.0 µg/mL
disulfoton	000298-04-4	RM13472	200.1 ± 1.0 µg/mL
ethoprop	013194-48-4	RM09236	199.9 ± 1.0 µg/mL
fensulfothion	000115-90-2	RM13471	199.9 ± 1.0 µg/mL
fenthion	000055-38-9	RM14126	199.8 ± 1.0 µg/mL
merphos	000150-50-5	RM14159	200.7 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM14048	200.8 ± 1.0 µg/mL
mevinphos	007786-34-7	RM09377	200.5 ± 1.0 µg/mL
naled	000300-76-5	RM12651	200.3 ± 1.0 µg/mL
phorate	000298-02-2	RM14125	200.1 ± 1.0 µg/mL
fenchlorphos	000299-84-3	RM09170	200.2 ± 1.0 µg/mL
tetrachlorvinphos	022248-79-9	RM13198	201.0 ± 1.0 µg/mL
tokuthion	034643-46-4	RM13789	200.9 ± 1.0 µg/mL
trichloronate	000327-98-0	RM14272	200.9 ± 1.0 µg/mL

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Matrix: hexane/acetone (1:1)

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