

Certificate of Analysis

ISO Guide 34

Organophosphorous Pesticides Standard

Product Number: SPM-824-1

Page: 1 of 2

Lot Number: 0006467031

Lot Issue Date: 16-May-2019

Expiration Date: 30-Sep-2019

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
guthion	000086-50-0	r0000207-1	200.3 ± 1.0 µg/mL
bolstar	035400-43-2	RM04166	200.8 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	RM14246	200.6 ± 1.0 µg/mL
coumaphos	000056-72-4	RM14165	200.3 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM13709	200.9 ± 1.0 µg/mL
diazinon	000333-41-5	RM09202	200.1 ± 1.0 µg/mL
dichlorvos	000062-73-7	RM11064	200.7 ± 1.0 µg/mL
disulfoton	000298-04-4	RM14250	200.1 ± 1.0 µg/mL
ethoprop	013194-48-4	RM12605	200.4 ± 1.0 µg/mL
fensulfothion	000115-90-2	RM14269	200.9 ± 1.0 µg/mL
fenthion	000055-38-9	RM14126	200.9 ± 1.0 µg/mL
merphos	000150-50-5	RM14900-02-00	200.0 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM14427	200.8 ± 1.0 µg/mL
mevinphos	007786-34-7	RM14344-006	200.9 ± 1.0 µg/mL
naled	000300-76-5	RM12651	200.2 ± 1.0 µg/mL
phorate	000298-02-2	RM14684	200.9 ± 1.0 µg/mL
fenchlorphos	000299-84-3	RM14267	200.2 ± 1.0 µg/mL
tetrachlorvinphos	022248-79-9	RM05693	200.2 ± 1.0 µg/mL
tokuthion	034643-46-4	RM14624	200.5 ± 1.0 µg/mL
trichloronate	000327-98-0	RM14747	200.9 ± 1.0 µg/mL

Matrix: hexane/acetone (1:1)

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Analyte

CAS#

Analyte Lot

True Value

Storage: Store at Room Temperature (15° to 30°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

QMS Representative



ISO Guide 34 Cert No.
AR-1936

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AT-1937