

Certificate of Analysis

ISO Guide 34

GC Pesticide Standard #12

Product Number: PSM-100-L

Page: 1 of 2

Lot Number: CS-6034

Lot Issue Date: 11-Dec-2018

Expiration Date: 31-Jan-2021

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
benefin	001861-40-1	RM00683	99.9 ± 0.5 µg/mL
biphenyl	000092-52-4	NT01492	100.0 ± 0.5 µg/mL
chlorbenside	000103-17-3	RM02772	100.0 ± 0.5 µg/mL
chlorfenprop-methyl	014437-17-3	RM02864	100.1 ± 0.5 µg/mL
chlormephos	024934-91-6	RM07475	100.4 ± 0.5 µg/mL
chloroneb	002675-77-6	RM00198	100.0 ± 0.5 µg/mL
chloropropylate	005836-10-2	RM06772	100.0 ± 0.5 µg/mL
etridiazole	002593-15-9	RM13165	100.2 ± 0.5 µg/mL
fluchloralin	033245-39-5	RM02974	100.2 ± 0.5 µg/mL
formothion	002540-82-1	RM10171	100.2 ± 0.5 µg/mL
iodofenphos	018181-70-9	RM07144	99.7 ± 0.5 µg/mL
leptophos	021609-90-5	RM03755	100.3 ± 0.5 µg/mL
perthane	000072-56-0	RM00603	99.9 ± 0.5 µg/mL
telodrin	000297-78-9	RM13656	100.0 ± 0.5 µg/mL
tetrasul	002227-13-6	RM03787	100.1 ± 0.5 µg/mL

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Matrix: acetonitrile

Storage: Store Refrigerated (2° - 8°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