

Certificate of Analysis

ISO Guide 34

GC Pesticide Standard #11

Product Number: PSM-100-K

Page: 1 of 2

Lot Number: CS-6083

Lot Issue Date: 12-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
4,4'-dibromobenzophenone	003988-03-2	RM01486	100.1 ± 0.5 µg/mL
anthraquinone	000084-65-1	RM02662	100.1 ± 0.5 µg/mL
bromocyclen	001715-40-8	RM13289	100.0 ± 0.5 µg/mL
bromopropylate	018181-80-1	RM11212	100.1 ± 0.5 µg/mL
captafol	002425-06-1	NT00701	99.9 ± 0.5 µg/mL
chlorfenapyr	122453-73-0	RM11763	100.0 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM07243	99.9 ± 0.5 µg/mL
dicofof	000115-32-2	RM10869	100.1 ± 0.5 µg/mL
dinobuton	000973-21-7	RM11124	99.8 ± 0.5 µg/mL
DMSA	004710-17-2	RM02933	99.9 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	RM06741	100.0 ± 0.5 µg/mL
endrin	000072-20-8	RM13034	100.1 ± 0.5 µg/mL
endrin ketone	053494-70-5	NT00720	99.8 ± 0.5 µg/mL
flubenzimine	037893-02-0	RM09035	100.1 ± 0.5 µg/mL
flucythrinate	070124-77-5	RM13067	99.9 ± 0.5 µg/mL
heptachlor epoxide - isomer A	028044-83-9	RM14242	99.9 ± 0.5 µg/mL
isoxathion	018854-01-8	RM01098	100.0 ± 0.5 µg/mL
methyl parathion	000298-00-0	RM14048	100.1 ± 0.5 µg/mL
nitralin	004726-14-1	RM03188	99.8 ± 0.5 µg/mL
nitrapyrin	001929-82-4	RM03747	99.9 ± 0.5 µg/mL
nitrothal-isopropyl	010552-74-6	RM11909	99.9 ± 0.5 µg/mL
oxyfluorfen	042874-03-3	RM03175	100.1 ± 0.5 µg/mL
parathion (ethyl)	000056-38-2	RM14117	99.7 ± 0.5 µg/mL
pentachloronitrobenzene	000082-68-8	RM12207	100.1 ± 0.5 µg/mL
transfluthrine	118712-89-3	RM12036	100.2 ± 0.5 µg/mL
trifluralin	001582-09-8	RM11889	99.9 ± 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
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