

IRSA 5090 Pesticide Mixture

Product Number: PPM-5090

Page: 1 of 2

Lot Number: CR-5979

Lot Issue Date: 22-Dec-2017

Expiration Date: 31-Jan-2020

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
aldrin	000309-00-2	RM00635	100.4 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM12548	99.9 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	100.2 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.2 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	100.3 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM07243	100.1 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	99.9 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	RM00615	100.4 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	RM02892	100.3 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	RM06888	100.2 ± 0.5 µg/mL
dieldrin	000060-57-1	RM03957	100.2 ± 0.5 µg/mL
endrin	000072-20-8	RM13034	100.1 ± 0.5 µg/mL
alachlor	015972-60-8	RM10831	100.3 ± 0.5 µg/mL
atrazine	001912-24-9	RM03843	100.2 ± 0.5 µg/mL
2,4'-DDD	000053-19-0	RM02887	100.2 ± 0.5 µg/mL
2,4'-DDE	003424-82-6	RM02765	100.4 ± 0.5 µg/mL
2,4'-DDT	000789-02-6	RM02766	99.9 ± 0.5 µg/mL
isodrin	000465-73-6	RM03076	100.2 ± 0.5 µg/mL
hexachlorobenzene	000118-74-1	RM03125	100.0 ± 0.5 µg/mL
heptachlor	000076-44-8	RM03111	100.4 ± 0.5 µg/mL

ULTRA 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.

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Analyte	CAS#	Analyte Lot	True Value
heptachlor epoxide - isomer B	001024-57-3	RM13200	100.4 ± 0.5 µg/mL
endosulfan I	000959-98-8	RM00834	100.1 ± 0.5 µg/mL
endosulfan II	033213-65-9	RM07039	100.2 ± 0.5 µg/mL
methoxychlor	000072-43-5	RM10269	100.2 ± 0.5 µg/mL
pentachlorobenzene	000608-93-5	RM03776	100.2 ± 0.5 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (15° to 30°C), Do Not Refrigerate.

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