



Certificate of Analysis

DM 471 Pesticide Mixture

Product Number: PPM-471A

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Lot Number: CS-2779

Lot Issue Date: 25-May-2018

Expiration Date: 30-Jun-2019

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	99.9 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM02725	100.2 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	100.4 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.0 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM02742	100.2 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	99.6 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	NT00691	100.3 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	NT01806	100.1 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	RM06888	100.0 ± 0.5 µg/mL
dieldrin	000060-57-1	RM13081	99.7 ± 0.5 µg/mL
endrin	000072-20-8	RM00557	99.6 ± 0.5 µg/mL
alachlor	015972-60-8	RM10831	99.8 ± 0.5 µg/mL
atrazine	001912-24-9	RM10318	100.2 ± 0.5 µg/mL
2,4'-DDD	000053-19-0	RM02887	99.7 ± 0.5 µg/mL
2,4'-DDE	003424-82-6	NT02003	99.8 ± 0.5 µg/mL
2,4'-DDT	000789-02-6	RM10130	100.4 ± 0.5 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (15° to 30°C).

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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