



Certificate of Analysis

DM 471 Pesticide Mixture

Product Number: PPM-471A

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Lot Number: CH-1816

Lot Issue Date: 07-Jun-2011

Expiration Date: 31-Jul-2012

This Certified 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	431-88A	100.0 ± 0.5 µg/mL
alpha-BHC	000319-84-6	27275-15	100.0 ± 0.5 µg/mL
beta-BHC	000319-85-7	ER052506-01	100.0 ± 0.5 µg/mL
gamma-BHC	000058-89-9	NT01899	100.0 ± 0.5 µg/mL
alpha-chlordane	005103-71-9	27455-76	100.0 ± 0.5 µg/mL
gamma-chlordane	005103-74-2	ER061906-04	100.0 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	W800	100.0 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	X102	100.0 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	02230KY	100.0 ± 0.5 µg/mL
dieldrin	000060-57-1	ER030105-03	100.0 ± 0.5 µg/mL
endrin	000072-20-8	35091-18	100.0 ± 0.5 µg/mL
alachlor	015972-60-8	SZE9139X	100.0 ± 0.5 µg/mL
atrazine	001912-24-9	RM01560	100.0 ± 0.5 µg/mL
2,4'-DDD	000053-19-0	18307EA	100.0 ± 0.5 µg/mL
2,4'-DDE	003424-82-6	ER122203-02	100.0 ± 0.5 µg/mL
2,4'-DDT	000789-02-6	AJO-22599-59	100.0 ± 0.5 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (18-25°C).

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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