



Certificate of Analysis

Custom Standard

Product Number: CUS-14485

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Lot Number: CK-0032

Lot Issue Date: 07-Jan-2013

Expiration Date: 28-Feb-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's 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
2,4'-DDD	000053-19-0	RM02888	200.0 ± 1.0 µg/mL
2,4'-DDE	003424-82-6	RM02765	199.8 ± 1.0 µg/mL
2,4'-DDT	000789-02-6	RM02766	200.0 ± 1.0 µg/mL
4,4'-DDD	000072-54-8	RM00615	200.8 ± 1.0 µg/mL
4,4'-DDE	000072-55-9	RM02891	200.0 ± 1.0 µg/mL
4,4'-DDT	000050-29-3	RM02881	200.2 ± 1.0 µg/mL
endrin	000072-20-8	NT01979	200.8 ± 1.0 µg/mL
hexachlorobenzene	000118-74-1	RM03125	200.0 ± 1.0 µg/mL
dieldrin	000060-57-1	RM03957	199.8 ± 1.0 µg/mL
mirex	002385-85-5	RM00220	200.0 ± 1.0 µg/mL
alpha-BHC	000319-84-6	RM02725	200.4 ± 1.0 µg/mL
beta-BHC	000319-85-7	RM02724	200.0 ± 1.0 µg/mL
gamma-BHC	000058-89-9	RM02694	200.0 ± 1.0 µg/mL
alpha-chlordane	005103-71-9	RM02742	200.0 ± 1.0 µg/mL
gamma-chlordane	005103-74-2	RM02726	200.0 ± 1.0 µg/mL
oxychlordane	027304-13-8	RM03177	199.8 ± 1.0 µg/mL
cis-nonachlor	005103-73-1	RM03192	200.0 ± 1.0 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM05373	200.0 ± 1.0 µg/mL
decachlorobiphenyl (BZ # 209)	002051-24-3	RM00348	200.0 ± 1.0 µg/mL
2,4,5,6-tetrachloro-m-xylene	000877-09-8	RM03890	199.8 ± 1.0 µg/mL
trans-nonachlor	039765-80-5	RM03191	200.0 ± 1.0 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.



ISO 17025:2005
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ISO 9001:2008
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TUV USA, Inc.
Cert. No. 09-1009

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Matrix: isooctane/toluene (1:1)

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

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