



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608C

Page: 1 of 2

Lot Number: CH-2078

Lot Issue Date: 30-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	20.0 ± 0.1 µg/mL
alpha-BHC	000319-84-6	27275-15	20.0 ± 0.1 µg/mL
beta-BHC	000319-85-7	ER052506-01-15	20.0 ± 0.1 µg/mL
delta-BHC	000319-86-8	ER051805-01	20.0 ± 0.1 µg/mL
gamma-BHC	000058-89-9	NT01899	20.0 ± 0.1 µg/mL
4,4'-DDD	000072-54-8	W-800	100.2 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	11923EO	20.0 ± 0.1 µg/mL
4,4'-DDT	000050-29-3	02230KY	100.2 ± 0.5 µg/mL
dieldrin	000060-57-1	ER030105-03	20.0 ± 0.1 µg/mL
endosulfan I	000959-98-8	ER012105-02	20.1 ± 0.1 µg/mL
endosulfan II	033213-65-9	ER-080805-01	100.3 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	32455-46	100.2 ± 0.5 µg/mL
endrin	000072-20-8	35091-18	100.3 ± 0.5 µg/mL
endrin aldehyde	007421-93-4	34701-21	20.1 ± 0.1 µg/mL
heptachlor	000076-44-8	224-124B	20.0 ± 0.1 µg/mL
heptachlor epoxide - isomer B	001024-57-3	ER090105-05	20.0 ± 0.1 µg/mL
methoxychlor	000072-43-5	410-71B	20.0 ± 0.1 µg/mL

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.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

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

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608C

Page: 2 of 2

Lot Number: CH-2078

Lot Issue Date: 30-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.

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25°C). Do Not Refrigerate.

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
Accredited
A2LA
Cert. No. 0851-01

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

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager