



Certificate of Analysis

UCMR Acetanilide Pesticide Degradates Mixture

Product Number: PPM-535

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Lot Number: CJ-0140

Lot Issue Date: 18-Jan-2012

Expiration Date: 28-Feb-2013

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
acetochlor ESA	187022-11-3	6202X	20.0 ± 0.1 µg/mL
acetochlor OA	194992-44-4	RM04146-02	40.2 ± 0.2 µg/mL
alachlor ESA	142363-53-9	6202X	20.0 ± 0.1 µg/mL
alachlor OA	171262-17-2	RM04155-01	40.1 ± 0.2 µg/mL
metolachlor ESA	171118-09-5	RM01913	80.0 ± 0.4 µg/mL
metolachlor OA	152019-73-3	6221X	10.0 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° 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.



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

ISO 9001:2008
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