



Certificate of Analysis

UCMR Acetanilide Pesticide Degradates Mixture

Product Number: PPM-535

Page: 1 of 1

Lot Number: CP-4512

Lot Issue Date: 02-Sep-2016

Expiration Date: 31-Oct-2017

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
acetochlor ESA	947601-84-5	RM03939	20.1 ± 0.1 µg/mL
acetochlor OA	194992-44-4	RM02046	40.1 ± 0.2 µg/mL
alachlor ESA sodium salt (as alachlor ESA)	140939-15-7	RM03840	20.0 ± 0.1 µg/mL
alachlor OA	171262-17-2	RM03937	40.2 ± 0.2 µg/mL
metolachlor ESA	171118-09-5	RM07269	80.3 ± 0.4 µg/mL
metolachlor OA	152019-73-3	RM04814	10.0 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store Frozen (-25° to -10°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 9001
Registered
TUV USA, Inc.


John Russo
President


Vincent Wang, Ph.D.
Director of QA/RA