



Certificate of Analysis

UCMR Acetanilide Pesticide Degradates Mixture

Product Number: PPM-535

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Lot Number: CS-0755

Lot Issue Date: 15-Feb-2018

Expiration Date: 31-Mar-2019

This ISO Guide 34 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
acetochlor ESA	947601-84-5	RM11954	20.0 ± 0.1 µg/mL
acetochlor OA	194992-44-4	RM11956	40.2 ± 0.2 µg/mL
alachlor ESA sodium salt (as alachlor ESA)	140939-15-7	RM11955	20.1 ± 0.1 µg/mL
alachlor OA	171262-17-2	RM03937	40.0 ± 0.2 µg/mL
metolachlor ESA	171118-09-5	RM13553	80.3 ± 0.4 µg/mL
metolachlor OA	152019-73-3	RM12007	10.0 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

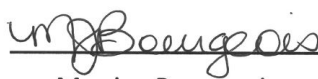
Storage: Store Frozen (-25° to -10°C).

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
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