



Certificate of Analysis

Benzidines and Nitrogen Pesticide Mixture

Product Number: NPM-531-1

Page: 1 of 1

Lot Number: CR-0992

Lot Issue Date: 29-Jun-2017

Expiration Date: 30-Apr-2019

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
benzidine	000092-87-5	RM10200	250.0 ± 1.3 µg/mL
benzoylprop ethyl	022212-55-1	RM02677	351.4 ± 1.8 µg/mL
caffeine	000058-08-2	RM06719	301.4 ± 1.5 µg/mL
carbaryl	000063-25-2	RM09161	1005 ± 5 µg/mL
o-chlorophenyl thiourea	005344-82-1	RM01899	752.6 ± 3.8 µg/mL
3,3'-dichlorobenzidine	000091-94-1	NT01952	251.1 ± 1.3 µg/mL
3,3'-dimethoxybenzidine	000119-90-4	NT01493	751.1 ± 3.8 µg/mL
3,3'-dimethylbenzidine	000119-93-7	NT01288	350.1 ± 1.8 µg/mL
diuron	000330-54-1	NT01986	450.1 ± 2.3 µg/mL
linuron	000330-55-2	RM03138	1303 ± 7 µg/mL
monuron	000150-68-5	RM09698	400.4 ± 2.0 µg/mL
rotenone	000083-79-4	RM11121	3208 ± 16 µg/mL
siduron (mix of isomers)	001982-49-6	RM03313	450.4 ± 2.3 µg/mL

Matrix: acetonitrile/methanol (1:1)

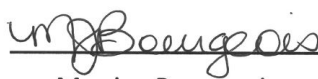
Storage: Store at Room Temperature (15° to 30°C).

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 9001
Registered
TUV USA, Inc.


John Russo
President


Monica Bourgeois
Director of QA/RA