

Certificate of Analysis

Nitrogen/Phosphorous Pesticide Mixture

Product Number: NPM-525C**Page:** 1 of 2**Lot Number:** CH-0047**Lot Issue Date:** 10-Jan-2011**Expiration Date:** 28-Feb-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
alachlor	015972-60-8	SZE9139X	100.0 ± 0.5 µg/mL
ametryn	000834-12-8	293-9B	100.5 ± 0.5 µg/mL
atraton	001610-17-9	290-30B	100.0 ± 0.5 µg/mL
atrazine	001912-24-9	440-88C	100.5 ± 0.5 µg/mL
bromacil	000314-40-9	322-48A	100.0 ± 0.5 µg/mL
butachlor	023184-66-9	261-132B	100.5 ± 0.5 µg/mL
butylate	002008-41-5	256-47B	100.0 ± 0.5 µg/mL
chlorpropham	000101-21-3	146-112A	100.0 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	SZE8071X	100.0 ± 0.5 µg/mL
cycloate	001134-23-2	187-40A	100.0 ± 0.5 µg/mL
cyanazine	021725-46-2	277-140A	100.0 ± 0.5 µg/mL
dichlorvos	000062-73-7	SZE9140X	100.0 ± 0.5 µg/mL
diphenamid	000957-51-7	190-133B	100.0 ± 0.5 µg/mL
EPTC	000759-94-4	302-81B	100.0 ± 0.5 µg/mL
ethoprop	013194-48-4	234-16B	100.0 ± 0.5 µg/mL
fenarimol	060168-88-9	SZE8042X	100.0 ± 0.5 µg/mL
fluridone	059756-60-4	174-125B	100.0 ± 0.5 µg/mL
hexazinone	051235-04-2	146-17B	100.0 ± 0.5 µg/mL
methyl paraoxon	000950-35-6	435-141A	100.5 ± 0.5 µg/mL
metolachlor	051218-45-2	452-112B	100.0 ± 0.5 µg/mL

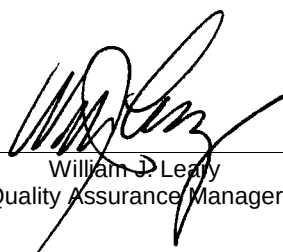
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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


William J. Leary
Quality Assurance Manager

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Analyte	CAS#	Analyte Lot	True Value
mevinphos	007786-34-7	435-110B	100.1 ± 0.5 µg/mL
MGK-264 (mixed, total)	000113-48-4	249-46B	100.0 ± 0.5 µg/mL
molinate	002212-67-1	435-103B	100.0 ± 0.5 µg/mL
napropamide	015299-99-7	190-54A	100.0 ± 0.5 µg/mL
norflurazon	027314-13-2	121-72A	100.0 ± 0.5 µg/mL
pebulate	001114-71-2	320-103A	100.3 ± 0.5 µg/mL
prometon	001610-18-0	338-120B	100.0 ± 0.5 µg/mL
prometryn	007287-19-6	225-45A	100.0 ± 0.5 µg/mL
pronamide	023950-58-5	383-61A	100.0 ± 0.5 µg/mL
propachlor	001918-16-7	380-26B	100.0 ± 0.5 µg/mL
propazine	000139-40-2	356-40A	100.0 ± 0.5 µg/mL
simetryn	001014-70-6	60127	100.0 ± 0.5 µg/mL
tetrachlorvinphos	000961-11-5	392-55B	100.5 ± 0.5 µg/mL
tebuthiuron	034014-18-1	306-89B	100.5 ± 0.5 µg/mL
terbacil	005902-51-2	281-78A	100.0 ± 0.5 µg/mL
terbutryn(e)	000886-50-0	190-82A	100.0 ± 0.5 µg/mL
triadimefon	043121-43-3	388-67B	100.0 ± 0.5 µg/mL
tricyclazole	041814-78-2	136-31B	100.0 ± 0.5 µg/mL
trifluralin	001582-09-8	80505	100.0 ± 0.5 µg/mL
vernolate	001929-77-7	259-81C	100.5 ± 0.5 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (18-25° C)

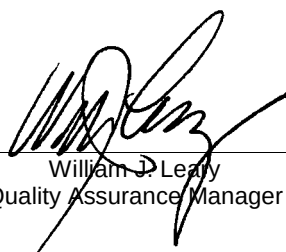
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