



Certificate of Analysis

Nitrogen/Phosphorous Pesticide Mixture

Product Number: NPM-525C

Page: 1 of 3

Lot Number: CH-2785

Lot Issue Date: 13-Sep-2011

Expiration Date: 30-Sep-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	RM01478	100.0 ± 0.5 µg/mL
ametryn	000834-12-8	RM00188	100.0 ± 0.5 µg/mL
atraton	001610-17-9	RM00679	100.5 ± 0.5 µg/mL
atrazine	001912-24-9	RM01560	100.5 ± 0.5 µg/mL
bromacil	000314-40-9	220-63A	100.0 ± 0.5 µg/mL
butachlor	023184-66-9	RM02687	100.5 ± 0.5 µg/mL
butylate	002008-41-5	RM02684	100.5 ± 0.5 µg/mL
chlorpropham	000101-21-3	RM02736	100.0 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM01778	100.0 ± 0.5 µg/mL
cycloate	001134-23-2	RM02853	100.5 ± 0.5 µg/mL
cyanazine	021725-46-2	RM02858	100.5 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM01499	100.5 ± 0.5 µg/mL
diphenamid	000957-51-7	RM02895	100.0 ± 0.5 µg/mL
EPTC	000759-94-4	RM02957	100.5 ± 0.5 µg/mL
ethoprop	013194-48-4	RM02962	100.0 ± 0.5 µg/mL
fenarimol	060168-88-9	RM02969	100.5 ± 0.5 µg/mL
fluridone	059756-60-4	RM02966	100.5 ± 0.5 µg/mL
hexazinone	051235-04-2	RM03124	100.0 ± 0.5 µg/mL
methyl paraoxon	000950-35-6	RM03161	100.5 ± 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.



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

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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

William J. Leary
Quality Assurance Manager



Certificate of Analysis

Nitrogen/Phosphorous Pesticide Mixture

Product Number: NPM-525C

Page: 2 of 3

Lot Number: CH-2785

Lot Issue Date: 13-Sep-2011

Expiration Date: 30-Sep-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.

metolachlor	051218-45-2	RM01771-0	100.5 ± 0.5 µg/mL
mevinphos	007786-34-7	RM01357	100.3 ± 0.5 µg/mL
MGK-264 (mixed, total)	000113-48-4	RM03143	100.5 ± 0.5 µg/mL
molinate	002212-67-1	RM01686	100.5 ± 0.5 µg/mL
napropamide	015299-99-7	RM03187	100.5 ± 0.5 µg/mL
norflurazon	027314-13-2	RM00675	100.0 ± 0.5 µg/mL
pebulate	001114-71-2	RM03264	100.3 ± 0.5 µg/mL
prometon	001610-18-0	RM03249	100.5 ± 0.5 µg/mL
prometryn	007287-19-6	RM03248	100.5 ± 0.5 µg/mL
pronamide	023950-58-5	383-61A	100.5 ± 0.5 µg/mL
propachlor	001918-16-7	RM00228	100.5 ± 0.5 µg/mL
propazine	000139-40-2	RM03247	100.5 ± 0.5 µg/mL
simetryn	001014-70-6	RM03312	100.0 ± 0.5 µg/mL
tetrachlorvinphos	000961-11-5	392-55B	100.5 ± 0.5 µg/mL
tebuthiuron	034014-18-1	RM00247	100.0 ± 0.5 µg/mL
terbacil	005902-51-2	RM03373	100.0 ± 0.5 µg/mL
terbutryn(e)	000886-50-0	190-82A	100.5 ± 0.5 µg/mL
triadimefon	043121-43-3	RM03375	100.5 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM03380	100.5 ± 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.



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

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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

William J. Leary
Quality Assurance Manager



Certificate of Analysis

Nitrogen/Phosphorous Pesticide Mixture

Product Number: NPM-525C

Page: 3 of 3

Lot Number: CH-2785

Lot Issue Date: 13-Sep-2011

Expiration Date: 30-Sep-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.

trifluralin	001582-09-8	229-132B	100.0 ± 0.5 µg/mL
vernolate	001929-77-7	RM03471	100.5 ± 0.5 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (18-25° 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
Registered
TUV USA, Inc.
Cert. No. 09-1009

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


William J. Leary
Quality Assurance Manager