



Certificate of Analysis

LC/MS Pesticide Standard #3

Part Number: 5190-0551-3**Lot Number: CR-3875****Date of Release: 24-Aug 2017****Date of Expiration: 30-Sep 2018**

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Purity	True Value
phenthoate	002597-03-7	RM12554	99.5 %	100.4 ± 0.5 µg/mL
malathion	000121-75-5	RM07001	99.3 %	100.4 ± 0.5 µg/mL
propham	000122-42-9	RM03273	99.0 %	100.1 ± 0.5 µg/mL
tolyfluanid	000731-27-1	RM10935	99.1 %	100.2 ± 0.5 µg/mL
malaoxon	001634-78-2	RM10672	99.1 %	100.1 ± 0.5 µg/mL
mevinphos	007786-34-7	RM09377	98.1 %	100.1 ± 0.5 µg/mL
molinate	002212-67-1	RM07614	98.8 %	100.4 ± 0.5 µg/mL
phosalone	002310-17-0	RM03269	98.4 %	100.3 ± 0.5 µg/mL
bitertanol	055179-31-2	RM09739	99.3 %	100.1 ± 0.5 µg/mL
clethodim	099129-21-2	RM12271	96.5 %	100.3 ± 0.5 µg/mL
etofenprox	080844-07-1	RM09144	99.8 %	100.3 ± 0.5 µg/mL
metazachlor	067129-08-2	RM12494	99.5 %	100.2 ± 0.5 µg/mL
metolachlor	051218-45-2	RM10830	97.6 %	100.2 ± 0.5 µg/mL
oxadiazon	019666-30-9	RM11864	99.5 %	100.1 ± 0.5 µg/mL
oxadixyl	077732-09-3	RM11863	99.5 %	100.4 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM11880	99.2 %	100.3 ± 0.5 µg/mL
penconazole	066246-88-6	RM09383	99.0 %	100.4 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM12445	99.5 %	100.1 ± 0.5 µg/mL
phosphamidon	013171-21-6	RM09704	97.6 %	100.3 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM09253	99.1 %	100.4 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM11793	98.9 %	100.3 ± 0.5 µg/mL
procymidone	032809-16-8	RM12692	99.2 %	100.1 ± 0.5 µg/mL
profenophos	041198-08-7	RM11878	97.3 %	100.1 ± 0.5 µg/mL
propetamphos	031219-83-4	RM03252	97.1 %	100.4 ± 0.5 µg/mL
pronamide	023950-58-5	RM07251	98.9 %	100.1 ± 0.5 µg/mL
quinalphos	013593-03-8	RM12630	99.5 %	100.3 ± 0.5 µg/mL
terbufos	013071-79-9	RM12795	98.2 %	100.2 ± 0.5 µg/mL
tolclofos-methyl	057018-04-9	RM07055	97.6 %	100.1 ± 0.5 µg/mL
triadimefon	043121-43-3	RM12623	99.5 %	100.2 ± 0.5 µg/mL
triazophos	024017-47-8	RM12155	99.5 %	100.3 ± 0.5 µg/mL
triflumizole	099387-89-0	RM07061	99.5 %	100.1 ± 0.5 µg/mL



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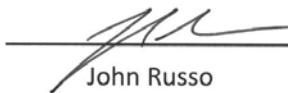
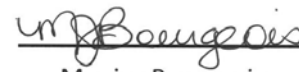
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Analyte	CAS#	Analyte Lot	Purity	True Value
difenoconazole	119446-68-3	RM07085	97.2 %	100.1 ± 0.5 µg/mL
fenhexamid	126833-17-8	RM11815	98.9 %	100.3 ± 0.5 µg/mL
isoxaflutole	141112-29-0	RM03948	99.0 %	100.2 ± 0.5 µg/mL
mepanipyrim	110235-47-7	RM11364	99.9 %	100.1 ± 0.5 µg/mL
picolinafen	137641-05-5	RM03287	98.5 %	100.1 ± 0.5 µg/mL
quinoxiphen	124495-18-7	RM09152	99.7 %	100.3 ± 0.5 µg/mL
tebufenpyrad	119168-77-3	RM11349	99.5 %	100.3 ± 0.5 µg/mL
tepraloxym	149979-41-9	RM12573	98.8 %	100.1 ± 0.5 µg/mL
mecarbam	002595-54-2	RM10104	98.2 %	100.4 ± 0.5 µg/mL
metalaxyl	057837-19-1	RM10863	99.5 %	100.1 ± 0.5 µg/mL
foramsulfuron	173159-57-4	RM03000	96.0 %	100.4 ± 0.5 µg/mL
methidathion	000950-37-8	RM03745	99.5 %	100.1 ± 0.5 µg/mL
indoxacarb	173584-44-6	RM10019	98.3 %	100.1 ± 0.5 µg/mL

Solvent: acetonitrile

Storage: Store Frozen (-25° to -10°C)

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001


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