



Certificate of Analysis

LC/MS Pesticide Standard #3

Part Number: 5190-0551-3
Lot Number: CS-3089

Date of release: 05 June 2018
Date of expiration: 31 July 2019

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 %	Certified Value
phenthoate	002597-03-7	RM12554	99.5	100.4 ± 0.5 µg/mL
malathion	000121-75-5	RM12444	98.0	100.5 ± 0.5 µg/mL
propham	000122-42-9	NT00641	99.0	100.4 ± 0.5 µg/mL
tolyfluanid	000731-27-1	RM11893	99.1	100.3 ± 0.5 µg/mL
malaoxon	001634-78-2	RM12052	98.1	100.4 ± 0.5 µg/mL
mevinphos	007786-34-7	RM09377	98.1	100.2 ± 0.5 µg/mL
molinate	002212-67-1	RM13577	98.2	100.4 ± 0.5 µg/mL
phosalone	002310-17-0	RM03270	98.0	100.5 ± 0.5 µg/mL
bitertanol	055179-31-2	RM09739	99.3	100.4 ± 0.5 µg/mL
clethodim	099129-21-2	RM12169	96.5	100.1 ± 0.5 µg/mL
etofenprox	080844-07-1	RM09144	99.8	100.4 ± 0.5 µg/mL
metazachlor	067129-08-2	RM13270	99.4	100.4 ± 0.5 µg/mL
metolachlor	051218-45-2	RM10830	97.6	100.2 ± 0.5 µg/mL
oxadiazon	019666-30-9	RM12855	99.5	100.1 ± 0.5 µg/mL
oxadixyl	077732-09-3	RM11769	99.5	100.4 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM05497	98.6	100.1 ± 0.5 µg/mL
penconazole	066246-88-6	RM09383	99.0	100.4 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM13741	99.5	100.4 ± 0.5 µg/mL
phosphamidon	013171-21-6	RM12466	98.2	100.2 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM09253	99.1	100.3 ± 0.5 µg/mL



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pirimiphos-methyl	029232-93-7	RM13291	98.5	100.4 ± 0.5 µg/mL
procymidone	032809-16-8	RM12692	99.2	100.2 ± 0.5 µg/mL
profenophos	041198-08-7	RM13344	96.6	100.4 ± 0.5 µg/mL
propetamphos	031218-83-4	RM03252	97.1	100.1 ± 0.5 µg/mL
pronamide	023950-58-5	RM11321	99.8	100.2 ± 0.5 µg/mL
quinalphos	013593-03-8	RM09142	99.9	100.4 ± 0.5 µg/mL
terbufos	013071-79-9	RM09251	99.3	100.4 ± 0.5 µg/mL
tolclofos-methyl	057018-04-9	RM06771	98.0	100.2 ± 0.5 µg/mL
triadimefon	043121-43-3	RM12623	99.5	100.4 ± 0.5 µg/mL
triazophos	024017-47-8	RM13584	98.5	100.2 ± 0.5 µg/mL
triflumizole	068694-11-1	RM12080	99.5	100.3 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM10425	99.1	100.3 ± 0.5 µg/mL
fenhexamid	126833-17-8	RM11815	98.9	100.3 ± 0.5 µg/mL
isoxaflutole	141112-29-0	RM13427	97.7	100.4 ± 0.5 µg/mL
mepanipyrim	110235-47-7	RM11364	99.9	100.3 ± 0.5 µg/mL
picolinafen	137641-05-5	RM13888	99.9	100.3 ± 0.5 µg/mL
quinoxiphen	124495-18-7	RM06099	99.8	100.4 ± 0.5 µg/mL
tebufenpyrad	119168-77-3	RM11349	99.5	100.2 ± 0.5 µg/mL
tepraloxydim	149979-41-9	RM12573	98.8	100.1 ± 0.5 µg/mL
mecarbam	002595-54-2	RM10104	98.2	100.3 ± 0.5 µg/mL
metalaxyl	057837-19-1	RM10863	99.5	100.4 ± 0.5 µg/mL
foramsulfuron	173159-57-4	RM13352	95.3	100.4 ± 0.5 µg/mL
methidathion	000950-37-8	RM03745	99.5	100.3 ± 0.5 µg/mL



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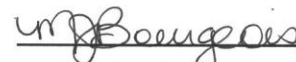
Analyte	CAS#	Analyte Lot	Purity %	Certified Value
indoxacarb	173584-44-6	RM11648	99.0	100.4 ± 0.5 µg/mL

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/NCCL Z-540-1 and ISO 9001.


John Russo
President


Monica Bourgeois
Director of QA/RA