



Certificate of Analysis

LC/MS Pesticide Standard #3

Part Number: 5190-0551-3
Lot Number: 0006476770

Date of release: 10 July 2019
Date of expiration: 31 August 2020

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	RM14079	99.5	100.2 ± 0.5 µg/mL
malathion	000121-75-5	RM07001	99.3	100.2 ± 0.5 µg/mL
propham	000122-42-9	RM03274	99.0	100.3 ± 0.5 µg/mL
tolyfluanid	000731-27-1	RM11893	99.1	100.4 ± 0.5 µg/mL
malaoxon	001634-78-2	RM12052	98.1	100.4 ± 0.5 µg/mL
mevinphos	007786-34-7	RM14344	97.7	100.4 ± 0.5 µg/mL
molinate	002212-67-1	RM14835	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	RM14284	96.6	100.2 ± 0.5 µg/mL
etofenprox	080844-07-1	RM13817	98.4	100.4 ± 0.5 µg/mL
metazachlor	067129-08-2	RM14128	99.7	100.3 ± 0.5 µg/mL
metolachlor	051218-45-2	RM14834	97.3	100.4 ± 0.5 µg/mL
oxadiazon	019666-30-9	RM12855	99.5	100.2 ± 0.5 µg/mL
oxadixyl	077732-09-3	RM11769	99.5	100.2 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM05497	98.6	100.4 ± 0.5 µg/mL
penconazole	066246-88-6	RM09383	99.0	100.4 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM14350	99.5	100.2 ± 0.5 µg/mL
phosphamidon	013171-21-6	RM09704	97.6	100.4 ± 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	RM14338	99.3	100.2 ± 0.5 µg/mL
procymidone	032809-16-8	RM12692	99.2	100.4 ± 0.5 µg/mL
profenophos	041198-08-7	RM14748	96.4	100.4 ± 0.5 µg/mL
propetamphos	031218-83-4	RM03251	97.9	100.4 ± 0.5 µg/mL
pronamide	023950-58-5	RM14691	99.5	100.4 ± 0.5 µg/mL
quinalphos	013593-03-8	RM12969	99.5	100.1 ± 0.5 µg/mL
terbufos	013071-79-9	RM09251	99.3	100.2 ± 0.5 µg/mL
tolclofos-methyl	057018-04-9	RM07055	97.6	100.4 ± 0.5 µg/mL
triadimefon	043121-43-3	RM14288	99.1	100.3 ± 0.5 µg/mL
triazophos	024017-47-8	RM14286	98.5	100.4 ± 0.5 µg/mL
triflumizole	068694-11-1	RM14694	99.5	100.4 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM07085	97.2	100.4 ± 0.5 µg/mL
fenhexamid	126833-17-8	RM11815	98.9	100.4 ± 0.5 µg/mL
isoxaflutole	141112-29-0	RM03077	99.5	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	100.4 ± 0.5 µg/mL
quinoxiphen	124495-18-7	RM14287	99.6	100.4 ± 0.5 µg/mL
tebufenpyrad	119168-77-3	RM11892	99.5	100.4 ± 0.5 µg/mL
tepraloxydim	149979-41-9	RM14325	99.0	100.2 ± 0.5 µg/mL
mecarbam	002595-54-2	RM15020	98.5	100.4 ± 0.5 µg/mL
metalaxyl	057837-19-1	RM09240	99.8	100.4 ± 0.5 µg/mL
foramsulfuron	173159-57-4	RM13352	95.3	100.3 ± 0.5 µg/mL
methidathion	000950-37-8	RM03745	99.5	100.2 ± 0.5 µg/mL



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indoxacarb	173584-44-6	RM14665	99.5	100.3 ± 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.


Monica Bourgeois
QMS Representative