



Certificate of Analysis

LC/MS Pesticide Standard #5

Part Number: 5190-0551-5
Lot Number: 0006476773

Date of release: 09 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
aldicarb	000116-06-3	RM14794	98.1	100.4 ± 0.5 µg/mL
carboxin	005234-68-4	RM03662	99.0	100.2 ± 0.5 µg/mL
fenobucarb	003766-81-2	RM03007	99.5	100.2 ± 0.5 µg/mL
fenpropidin	067306-00-7	RM12326	98.0	100.5 ± 0.5 µg/mL
methabenzthiazuron	018691-97-9	RM14672	99.5	100.4 ± 0.5 µg/mL
methomyl	016752-77-5	RM14356	99.1	100.1 ± 0.5 µg/mL
oxamyl	023135-22-0	RM14790	99.4	100.3 ± 0.5 µg/mL
propamocarb	024579-73-5	RM13838	98.7	100.3 ± 0.5 µg/mL
pyridaben	096489-71-3	RM04048	99.5	100.4 ± 0.5 µg/mL
pyriproxyfen	095737-68-1	RM09178	98.0	100.5 ± 0.5 µg/mL
thiofanox	039196-18-4	RM13885	98.2	100.4 ± 0.5 µg/mL
alanycarb	083130-01-2	RM12673	99.0	100.1 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM11002	99.9	100.2 ± 0.5 µg/mL
azoxystrobin	131860-33-8	RM09134	99.9	100.1 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM14353	98.2	100.1 ± 0.5 µg/mL
fenamidone	161326-34-7	RM14083	99.5	100.1 ± 0.5 µg/mL
fenazaquin	120928-09-8	RM11816	99.5	100.2 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM09286	99.9	100.2 ± 0.5 µg/mL
iprovalicarb	140923-17-7	RM05393	98.7	100.1 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09347	98.9	100.4 ± 0.5 µg/mL
picoxystrobin	117428-22-5	RM07493	99.9	100.2 ± 0.5 µg/mL
pyraclostrobin	175013-18-0	RM12781	99.5	100.3 ± 0.5 µg/mL
tebufenozide	112410-23-8	RM10739	99.5	100.4 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM14274	99.5	100.1 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM14469	99.9	100.2 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM14789	99.3	100.3 ± 0.5 µg/mL
carbendazim	010605-21-7	RM12190	99.5	100.3 ± 0.5 µg/mL



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thiodicarb	059669-26-0	RM07057	99.5	100.3 ± 0.5 µg/mL
diuron	000330-54-1	R0000132	99.5	100.4 ± 0.5 µg/mL
fenpyroximate	134098-61-6	RM12975	98.9	100.4 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM03382	98.5	100.2 ± 0.5 µg/mL
pyridate	055512-33-9	RM13045	97.2	100.1 ± 0.5 µg/mL

Solvent: Acetonitrile/DMSO (90:10 v/v)

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