



# Certificate of Analysis

## LC/MS Pesticide Standard #5

Part Number: 5190-0551-5

Lot Number: CR-4940

Date of Release: 28-Nov 2017

Date of Expiration: 30-Nov 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
aldicarb	000116-06-3	RM13074	99.9 %	100.4 ± 0.5 µg/mL
carboxin	005234-68-4	RM03662	99.0 %	100.4 ± 0.5 µg/mL
fenobucarb	003766-81-2	RM03927	99.0 %	100.2 ± 0.5 µg/mL
fenpropidin	067306-00-7	RM10868	99.0 %	100.1 ± 0.5 µg/mL
methabenzthiazuron	018691-97-9	RM09369	99.9 %	100.4 ± 0.5 µg/mL
methomyl	016752-77-5	RM11351	99.1 %	100.3 ± 0.5 µg/mL
oxamyl	023135-22-0	RM13046	99.5 %	100.2 ± 0.5 µg/mL
propamocarb	024579-73-5	RM12552	98.7 %	100.4 ± 0.5 µg/mL
pyridaben	096489-71-3	RM05236	99.5 %	100.1 ± 0.5 µg/mL
pyriproxyfen	095737-68-1	RM10710	99.5 %	100.1 ± 0.5 µg/mL
thiofanox	039196-18-4	RM12780	98.2 %	100.2 ± 0.5 µg/mL
alanycarb	083130-01-2	RM12673	99.0 %	100.4 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM11002	99.9 %	100.1 ± 0.5 µg/mL
azoxystrobin	131860-33-8	RM03833	99.5 %	100.2 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM12291	99.5 %	100.4 ± 0.5 µg/mL
fenamidone	161326-34-7	RM11814	99.5 %	100.2 ± 0.5 µg/mL
fenazaquin	120928-09-8	RM06218	99.5 %	100.1 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM09874	99.5 %	100.2 ± 0.5 µg/mL
iprovalicarb	140923-17-7	RM10424	98.5 %	100.2 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09347	98.9 %	100.3 ± 0.5 µg/mL
picoxystrobin	117428-22-5	RM07493	99.9 %	100.4 ± 0.5 µg/mL
pyraclostrobin	175013-18-0	RM12781	99.5 %	100.4 ± 0.5 µg/mL
tebufenozide	112410-23-8	RM09292	99.6 %	100.1 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM10705	99.5 %	100.3 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM12140	99.5 %	100.4 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM09064	96.3 %	100.1 ± 0.5 µg/mL
carbendazim	010605-21-7	RM12190	99.5 %	100.3 ± 0.5 µg/mL
thiodicarb	059669-26-0	RM07057	99.5 %	100.2 ± 0.5 µg/mL
diuron	000330-54-1	RM12493	99.5 %	100.3 ± 0.5 µg/mL
fenpyroximate	111812-58-9	RM10369	99.4 %	100.1 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM09257	99.9 %	100.2 ± 0.5 µg/mL



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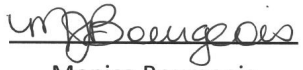
Analyte	CAS#	Analyte Lot	Purity	True Value
pyridate	055512-33-9	RM03303	99.0 %	100.3 ± 0.5 µg/mL

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

  
John Russo  
President

  
Monica Bourgeois  
Director of QA/RA