



Certificate of Analysis

Tobacco Pesticides Calibration Kit

Product Number: G3440-85041

Lot Number: N081077

This product is a Chemical Kit and is comprised of the following items:

G3440-85042 Tobacco Pesticides Calibration Kit (GC)

Lot Number: N081075

Item Number	Item Name	Lot #
AGI-T03-1	Atrazine Solution	CM-1428
AGI-T03-2	Triphenyl Phosphate Solution	CM-1432
AGI-T04-1	Pesticide Solution #1	CM-1430

G3440-85043 Tobacco Pesticides Calibration Kit (GC&LC)

Lot Number: N081076

Item Number	Item Name	Lot #
AGI-T04-2	Pesticide Solution #2	CM-1466
AGI-T04-3	Pesticide Solution #3	CM-1429
AGI-T04-4	Pesticide Solution #4	CM-1433
AGI-T04-5	Pesticide Solution #5	CM-1443
AGI-T04-6	Pesticide Solution #6	CM-1453
AGI-T04-7	Pesticide Solution #7	CM-1444
AGI-T04-8	Pesticide Solution #8	CM-1431
AGI-T04-9	Pesticide Solution #9	CM-1445

The complete Certificate of Analysis for each solution is included herein.

Date of release: 25 March 2015
Date of expiration: 31 October 2016


William J. Leary
Quality Assurance Manager



Certificate of Analysis

Atrazine Solution

Part Number: AGI-T03-1

Lot Number: CM-1428

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	Analyte	CAS #	Analyte Lot	Certified Value
莠去津	Atrazine	1912-24-9	RM03843	1000.0 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015
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William J. Lea
Quality Assurance Manager



Certificate of Analysis

Triphenyl Phosphate Solution

Part Number: AGI-T03-2

Lot Number: CM-1432

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	Analyte	CAS #	Analyte Lot	Certified Value
三苯基磷酸酯	Triphenyl Phosphate	115-86-6	RM02823	1003.0 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015

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William J. Leary
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #1

Part Number: AGI-T04-1

Lot Number: CM-1430

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	Analyte	CAS #	Analyte Lot	Certified Value
艾氏剂	Aldrin	309-00-2	RM00635	100.3 ± 0.5 µg/mL
狄氏剂	Dieldrin	60-57-1	RM03957	100.4 ± 0.5 µg/mL
o,p'-DDT	o,p'-DDT	789-02-6	RM02766	100.4 ± 0.5 µg/mL
p,p'-DDT	p,p'-DDT	50-29-3	RM06888	100.4 ± 0.5 µg/mL
o,p'-DDD	o,p'-DDD	53-19-0	RM02888	100.4 ± 0.5 µg/mL
p,p'-DDD	p,p'-DDD	72-54-8	RM00615	100.3 ± 0.5 µg/mL
o,p'-DDE	o,p'-DDE	3424-82-6	RM02765	100.1 ± 0.5 µg/mL
p,p'-DDE	p,p'-DDE	72-55-9	RM02892	100.3 ± 0.5 µg/mL
甲氧滴滴涕	Methoxychlor	72-43-5	RM10199	100.1 ± 0.5 µg/mL
林丹	Lindane (γ-HCH)	58-89-9	RM02694	100.1 ± 0.5 µg/mL
α-硫丹	α-Endosulfan	959-98-8	RM00834	100.3 ± 0.5 µg/mL
β-硫丹	β-Endosulfan	33213-65-9	RM07039	100.3 ± 0.5 µg/mL
α-六六六	α-HCH	319-84-6	RM09587	100.3 ± 0.5 µg/mL
β-六六六	β-HCH	319-85-7	RM09584	100.3 ± 0.5 µg/mL
δ-六六六	δ-HCH	319-86-8	RM01531	100.4 ± 0.5 µg/mL
六氯苯	Hexachlorobenzene	118-74-1	RM03125	100.3 ± 0.5 µg/mL
顺-氯丹	Chlordane(cis-)	5103-71-9	RM07243	100.3 ± 0.5 µg/mL
反-氯丹	Chlordane(trans-)	5103-74-2	RM02726	100.4 ± 0.5 µg/mL
氯酞酸甲酯	Chlorthal-dimethyl	1861-32-1	RM09168	100.3 ± 0.5 µg/mL
氯硝胺	Dicloran	99-30-9	RM02869	100.2 ± 0.5 µg/mL
灭蚁灵	Mirex	2385-85-5	RM07019	100.2 ± 0.5 µg/mL
七氯	Heptachlor	76-44-8	RM03111	100.3 ± 0.5 µg/mL
顺-环氧七氯	Heptachlor epoxides (cis-)	1024-57-3	RM10220	100.1 ± 0.5 µg/mL
反-环氧七氯	Heptachlor epoxides (trans-)	28044-83-9	RM09453	100.1 ± 0.5 µg/mL
异狄氏剂	Endrin	72-20-8	RM00557	100.0 ± 0.5 µg/mL
百菌清	Chlorothalonil	1897-45-6	RM09468	100.4 ± 0.5 µg/mL

Solvent: acetonitrile

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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Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #2

Part Number: AGI-T04-2

Lot Number: CM-1466

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	Analyte	CAS #	Analyte Lot	Certified Value
联苯菊酯	Bifenthrin	82657-04-3	RM07177	100.4 ± 0.5 µg/mL
乙丁氟灵	Benfluralin	1861-40-1	RM00683	100.2 ± 0.5 µg/mL
敌菌丹	Captafol	2425-6-1	RM02699	100.3 ± 0.5 µg/mL
克菌丹	Captan	133-06-2	RM02848	100.1 ± 0.5 µg/mL
灭螨猛	Chinomethionate	2439-1-2	RM02729	100.1 ± 0.5 µg/mL
草枯醚	Chlornitrofen	1836-77-7	RM01607	100.3 ± 0.5 µg/mL
乙酯杀螨醇	Chlorobenzilate	510-15-6	RM10084	100.0 ± 0.5 µg/mL
毒死蜱	Chlorpyrifos	2921-88-2	RM07005	100.3 ± 0.5 µg/mL
棉隆	Dazomet	533-74-4	RM02943	100.2 ± 0.5 µg/mL
二溴氯丙烷	DBCP (Dibromo-3-chloropropane, 1,2-)	1996-12-8	RM03703	100.1 ± 0.5 µg/mL
溴氰菊酯	Deltamethrin	52918-63-5	RM07731	100.2 ± 0.5 µg/mL
氟戊菊酯	Fenvalerate	51630-58-1	RM06207	100.1 ± 0.5 µg/mL
氟氰戊菊酯	Flucythrinate	70124-77-5	RM09927	100.3 ± 0.5 µg/mL
氟节胺	Flumetralin	62924-70-3	RM01192	100.4 ± 0.5 µg/mL
灭菌丹	Folpet	133-07-3	RM09784	100.3 ± 0.5 µg/mL
异丙乐灵	Isopropalin	33820-53-0	RM03705	100.4 ± 0.5 µg/mL
高效氯氟氰菊酯	Lambda-cyhalothrin	91465-08-6	RM07184	100.1 ± 0.5 µg/mL
甲霜灵	Metalaxyl	57837-19-1	RM09240	100.5 ± 0.5 µg/mL
速灭磷 (E)	Mevinphos (E)	298-1-1	RM10225	100.4 ± 0.5 µg/mL
速灭磷 (Z)	Mevinphos (Z)	338-45-4	RM09550	100.2 ± 0.5 µg/mL
兹克威	Mexacarbate	315-18-4	NT00502	100.3 ± 0.5 µg/mL
腈菌唑	Myclobutanil	88671-89-0	RM07060	100.5 ± 0.5 µg/mL
除草醚	Nitrofen	1836-75-5	RM09217	100.3 ± 0.5 µg/mL
甲基对硫磷	Parathion-methyl	298-00-0	RM09304	100.4 ± 0.5 µg/mL
戊菌唑	Penconazole	66246-88-6	RM07088	100.0 ± 0.5 µg/mL
二甲戊灵	Pendimethalin	40487-42-1	RM09473	100.3 ± 0.5 µg/mL
七氟菊酯	Tefluthrin	79538-32-2	RM04904	100.1 ± 0.5 µg/mL
三氯沙螨虱	Tetradifon	116-29-0	RM03451	100.3 ± 0.5 µg/mL
三唑酮	Triadimefon	43121-433	RM07161	100.3 ± 0.5 µg/mL
氟乐灵	Trifluralin	1582-09-8	RM07745	100.0 ± 0.5 µg/mL



Solvent: acetonitrile

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William J. Leary
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #3

Part Number: AGI-T04-3

Lot Number: CM-1429

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	Analyte	CAS #	Analyte Lot	Certified Value
仲丁灵	Butralin	33629-47-9	RM02706	100.4 ± 0.5 µg/mL
甲基毒死蜱	Chlorpyrifos-methyl	5598-13-0	RM10219	100.3 ± 0.5 µg/mL
异噁草酮	Clomazone	81777-89-1	RM08207	100.3 ± 0.5 µg/mL
氟氯氰菊酯	Cyfluthrin	68359-37-5	RM09765	100.2 ± 0.5 µg/mL
氯氰菊酯	Cypermethrin	52315-07-8	RM07722	100.1 ± 0.5 µg/mL
苯醚甲环唑	Difenoconazole	119446-68-3	RM09924	100.1 ± 0.5 µg/mL
烯酰吗啉	Dimethomorph	110488-70-5	RM00591	100.1 ± 0.5 µg/mL
<u>RATIO</u> : 61.3% Z, 38.7% E				
硫丹硫酸酯	Endosulfan-sulphate	1031-07-8	RM06741	100.2 ± 0.5 µg/mL
稻瘟灵	Isoprothiolane	50512-35-1	RM07066	100.3 ± 0.5 µg/mL
异丙甲草胺	Metolachlor	51218-45-2	RM09600	100.4 ± 0.5 µg/mL
敌草胺	Napropamide	15299-99-7	RM09777	100.3 ± 0.5 µg/mL
噁霜灵	Oxadixyl	77732-09-3	RM03178	100.1 ± 0.5 µg/mL
顺-氯菊酯	Permethrin (cis-)	61949-76-6	RM06822	100.4 ± 0.5 µg/mL
反-氯菊酯	Permethrin (trans-)	51877-74-8	RM09312	100.1 ± 0.5 µg/mL
增效醚	Piperonyl butoxide	1951-3-6	RM01751	100.1 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015

Date of expiration: 31 October 2016


William J. Lea
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #4

Part Number: AGI-T04-4

Lot Number: CM-1433

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	Analyte	CAS #	Analyte Lot	Certified Value
3-羟基克百威	3-Hydroxy carbofuran	16655-82-6	RM00442	99.9 ± 0.5 µg/mL
啉虫脒	Acetamiprid	160430-64-8	RM05519	100.4 ± 0.5 µg/mL
阿拉酸式苯-S-甲基	Acibenzolar-S-methyl	135158-54-2	RM06351	100.3 ± 0.5 µg/mL
嘧菌酯	Azoxystrobin	131860-33-8	RM05644	100.3 ± 0.5 µg/mL
苯霜灵	Benalaxyl	71626-11-4	RM04023	100.5 ± 0.5 µg/mL
丙硫克百威	Benfuracarb	82560-54-1	RM09073	100.2 ± 0.5 µg/mL
联苯三唑醇	Bitertanol	70585-36-3	RM02709	100.0 ± 0.5 µg/mL
除草定	Bromacil	314-40-9	RM04505	100.0 ± 0.5 µg/mL
甲萘威	Carbaryl	63-25-2	RM03666	100.1 ± 0.5 µg/mL
克百威	Carbofuran	1563-66-2	RM02695	100.3 ± 0.5 µg/mL
丁硫克百威	Carbosulfan	55285-14-8	RM07314	100.1 ± 0.5 µg/mL
氯虫苯甲酰胺	Chlorantraniliprole	500008-45-7	RM09768	100.0 ± 0.5 µg/mL
杀虫脒	Chlordimeform	6164-98-3	RM04876	100.2 ± 0.5 µg/mL
除虫脒	Diflubenzuron	35367-38-5	RM02950	100.4 ± 0.5 µg/mL
菌核净	Dimetachlone	24096-53-5	RM09438	501.9 ± 2.5 µg/mL
噁唑菌酮	Famoxadone	131807-57-3	RM06890	100.3 ± 0.5 µg/mL
茚虫威	Indoxacarb	144171-61-9	RM00691	100.0 ± 0.5 µg/mL
甲硫威	Methiocarb	2032-65-7	RM00219	100.3 ± 0.5 µg/mL
甲硫威砒	Methiocarbsulfone	2179-25-1	RM07312	100.5 ± 0.5 µg/mL
灭多威	Methomyl	16752-77-5	RM09303	100.1 ± 0.5 µg/mL
烯虫酯	Methoprene	40596-69-8	RM00722	100.2 ± 0.5 µg/mL
杀线威	Oxamyl	23135-22-0	RM03173	100.0 ± 0.5 µg/mL
抗蚜威	Pirimicarb	23103-98-2	RM03246	100.5 ± 0.5 µg/mL
残杀威	Propoxur	114-26-1	RM00229	100.5 ± 0.5 µg/mL
八甲磷	Schradan	152-16-9	RM09466	100.5 ± 0.5 µg/mL
氟苯脒	Teflubenzuron	83121-18-0	RM07117	100.0 ± 0.5 µg/mL
噻虫嗪	Thiamethoxam	153719-23-4	RM09064	100.3 ± 0.5 µg/mL
三唑醇	Triadimenol	55219-65-3	RM03453	100.4 ± 0.5 µg/mL
杀铃脒	Triflumuron	64628-44-0	RM07078	100.3 ± 0.5 µg/mL
烯效唑	Uniconazole	83657-22-1	RM10076	100.5 ± 0.5 µg/mL



Solvent: acetonitrile

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.

Date of release: 24 March 2015
Date of expiration: 31 October 2016



William J. Leary
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #5

Part Number: AGI-T04-5

Lot Number: CM-1443

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	Analyte	CAS #	Analyte Lot	Certified Value
乙酰甲胺磷	Acephate	30560-19-1	RM07358	100.3 ± 0.5 µg/mL
甲草胺	Alachlor	15972-60-8	RM09791	100.3 ± 0.5 µg/mL
益棉磷	Azinphos-ethyl	2642-71-9	RM07356	100.3 ± 0.5 µg/mL
保棉磷	Azinphos-methyl	86-50-0	RM06810	100.1 ± 0.5 µg/mL
溴硫磷	Bromophos	2104-96-3	RM02691	100.2 ± 0.5 µg/mL
毒虫畏	Chlorfenvinphos	470-90-6	RM06544	100.2 ± 0.5 µg/mL
	RATIO: 91.7% Z, 8.3% E			
二嗪磷	Diazinon	333-41-5	RM09507	100.2 ± 0.5 µg/mL
敌敌畏	Dichlorvos	62-73-7	RM10132	100.3 ± 0.5 µg/mL
乐果	Dimethoate	60-51-5	RM07628	100.2 ± 0.5 µg/mL
双苯酰草胺	Diphenamid	957-51-7	RM02894	100.2 ± 0.5 µg/mL
杀螟硫磷	Fenitrothion	122-14-5	RM09568	100.2 ± 0.5 µg/mL
安硫磷	Formothion	2540-82-1	RM10171	100.3 ± 0.5 µg/mL
溴苯磷	Leptophos	21609-90-5	RM03132	100.1 ± 0.5 µg/mL
马拉硫磷	Malathion	121-75-5	RM07001	100.1 ± 0.5 µg/mL
甲胺磷	Methamidophos	10265-92-6	RM07629	100.3 ± 0.5 µg/mL
久效磷	Monocrotophos	6923-22-4	RM03145	100.3 ± 0.5 µg/mL
二溴磷	Naled	300-76-5	RM09352	100.1 ± 0.5 µg/mL
对硫磷	Parathion(-ethyl)	56-38-2	RM09958	100.2 ± 0.5 µg/mL
伏杀硫磷	Phosalone	2310-17-0	RM03270	100.4 ± 0.5 µg/mL
磷胺	Phosphamidon	13171-21-6	RM09704	100.3 ± 0.5 µg/mL
	RATIO: 66.6% Z, 33.4% E			
甲基嘧啶磷	Pirimiphos-methyl	29232-93-7	RM09778	100.4 ± 0.5 µg/mL
精喹禾灵	Quizalofop-p-ethyl	100646-51-3	RM03328	100.2 ± 0.5 µg/mL
皮蝇磷	Ronnel (Fenchlorphos)	299-84-3	RM06524	100.1 ± 0.5 µg/mL
杀虫畏	Tetrachlorvinphos	961-11-5	RM04839	100.4 ± 0.5 µg/mL
虫线磷	Thionazin	297-97-2	RM10170	100.4 ± 0.5 µg/mL

Solvent: acetonitrile

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 Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #6

Part Number: AGI-T04-6

Lot Number: CM-1453

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	Analyte	CAS #	Analyte Lot	Certified Value
硫线磷	Cadusafos	95465-99-9	RM09382	100.4 ± 0.5 µg/mL
甲基内吸磷	Demeton-S-methyl	919-86-8	RM10095	100.4 ± 0.5 µg/mL
甲基内吸磷砒	Demeton-S-methyl sulfone	17040-19-6	RM04616	100.5 ± 0.5 µg/mL
内吸磷-O	Demeto-O	8065-48-3	RM01635	100.1 ± 0.5 µg/mL
内吸磷-S	Demeto-S	8065-48-3	RM09523	100.1 ± 0.5 µg/mL
甲氟磷	Dimefox	115-26-4	RM04624	100.1 ± 0.5 µg/mL
乙拌磷	Disulfoton	298-04-4	RM07350	100.3 ± 0.5 µg/mL
乙拌磷砒	Disulfoton sulfone	2497-6-5	RM02948	100.5 ± 0.5 µg/mL
乙拌磷亚砒	Disulfoton sulfoxide	2497-7-6	RM02925	100.4 ± 0.5 µg/mL
苯硫磷	EPN	2104-64-5	RM02902	100.0 ± 0.5 µg/mL
乙硫磷	Ethion	563-12-2	RM07079	100.1 ± 0.5 µg/mL
灭线磷	Ethoprophos	13194-48-4	RM09752	100.4 ± 0.5 µg/mL
苯线磷	Fenamiphos	22224-92-6	RM03717	100.4 ± 0.5 µg/mL
苯线磷砒	Fenamiphossulfone	31972-44-8	RM03715	100.3 ± 0.5 µg/mL
苯线磷亚砒	Fenamiphossulfoxide	31972-43-7	RM04893	100.0 ± 0.5 µg/mL
丰索磷	Fensulfothion	115-90-2	RM09650	100.3 ± 0.5 µg/mL
倍硫磷	Fenthion	55-38-9	RM10005	100.2 ± 0.5 µg/mL
倍硫磷砒	Fenthionsulfone	3761-42-0	RM09716	100.1 ± 0.5 µg/mL
倍硫磷亚砒	Fenthionsulfoxide	3761-41-9	RM01714	100.1 ± 0.5 µg/mL
地虫硫磷	Fonofos	944-22-9	RM09961	100.3 ± 0.5 µg/mL
庚烯磷	Heptenophos	23560-59-0	RM09237	100.3 ± 0.5 µg/mL
异稻瘟净	Iprobenfos	26087-47-8	RM09467	100.1 ± 0.5 µg/mL
氯唑磷	Isazophos	42509-80-8	RM03082	100.4 ± 0.5 µg/mL
杀扑磷	Methidation	950-37-8	RM03745	100.1 ± 0.5 µg/mL
氧乐果	Omethoate	1113-02-6	RM05174	100.3 ± 0.5 µg/mL
甲拌磷	Phorate	298-02-2	RM09649	100.0 ± 0.5 µg/mL
丙溴磷	Profenofos	41198-08-7	RM03991	100.1 ± 0.5 µg/mL
丙硫磷	Prothiofos	34643-46-4	RM10210	100.4 ± 0.5 µg/mL
吡菌磷	Pyrazophos	13457-18-6	RM03243	100.2 ± 0.5 µg/mL
喹硫磷	Quinalphos	13593-03-8	RM07683	100.3 ± 0.5 µg/mL



Analyte	Analyte	CAS #	Analyte Lot	Certified Value
特丁硫磷	Terbufos	13071-79-9	RM06171	100.2 ± 0.5 µg/mL
特丁硫磷砒	Terbufossulfone	56070-16-7	RM09578	100.0 ± 0.5 µg/mL
三唑磷	Triazophos	24017-47-8	RM09805	100.3 ± 0.5 µg/mL
蚜灭磷	Vamidotion	2275-23-2	RM09069	100.3 ± 0.5 µg/mL

Solvent: acetonitrile

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William J. Lea
Quality Assurance Manager



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Pesticide Solution #7

Part Number: AGI-T04-7

Lot Number: CM-1444

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	Analyte	CAS #	Analyte Lot	Certified Value
敌百虫	Trichlorfon (dylox)	52-68-6	RM05645	1002.0 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015
Date of expiration: 31 October 2016


William J. Leach
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #8

Part Number: AGI-T04-8

Lot Number: CM-1431

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	Analyte	CAS #	Analyte Lot	Certified Value
异菌脲	Iprodione	36734-19-7	RM10085	1002.0 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015
Date of expiration: 31 October 2016


William J. Leary
Quality Assurance Manager



Certificate of Analysis

Pesticide Solution #9

Part Number: AGI-T04-9

Lot Number: CM-1445

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	Analyte	CAS #	Analyte Lot	Certified Value
毒杀芬	Toxaphene	8001-35-2	RM10083	1002.0 ± 0.5 µg/mL

Solvent: acetonitrile

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.

Date of release: 24 March 2015

Date of expiration: 31 October 2016


William J. Leach
Quality Assurance Manager