



CBD Isolate B#8196

Sample ID: G0A0403-07 Matrix: Extracts & Concentrates
Test ID: 5000915
Source ID: 8196
Date Sampled: 01/27/20 Date Accepted: 01/27/20

GVB Biopharma

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 99.06 %

Pesticides : PASS

Residual Solvent Analysis : PASS



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Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 1/31/2020

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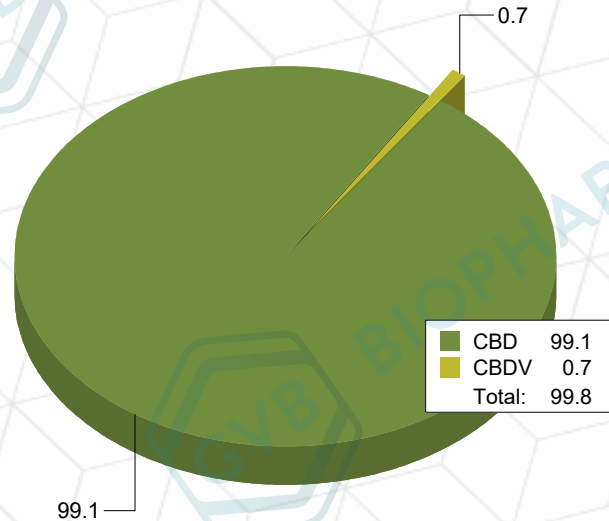
Potency Analysis

Date/Time Extracted: 01/28/20 11:50

Analysis Method/SOP: 215

Batch Identification: 2005029

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	
Total CBD	0.0431	99.06	990.6	
THCA	0.0607	< LOQ	< LOQ	
delta 9-THC	0.1577	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
Exo-THC	0.0217	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0324	99.06	990.6	
CBDA	0.0431	< LOQ	< LOQ	
CBDV	0.1040	0.7242	7.242	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.1864	< LOQ	< LOQ	
Total Cannabinoids		99.79	997.9	



Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Test ID: 5000915

Source ID: 8196

Date Sampled: 01/27/20

Date Accepted: 01/27/20

GVB Biopharma

Pesticide Analysis in ppm

Date/Time Extracted: 01/29/20 10:22

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.4	ppm	Acephate	< LOQ	0.4		0.06	ppm
Acequinocyl	< LOQ	2		0.4	ppm	Acetamiprid	< LOQ	0.2		0.06	ppm
Aldicarb	< LOQ	0.4		0.06	ppm	Azoxystrobin	< LOQ	0.2		0.06	ppm
Bifenazate	< LOQ	0.2		0.06	ppm	Bifenthrin	< LOQ	0.2		0.06	ppm
Boscalid	< LOQ	0.4		0.06	ppm	Carbaryl	< LOQ	0.2		0.06	ppm
Carbofuran	< LOQ	0.2		0.06	ppm	Chlorantraniliprole	< LOQ	0.2		0.06	ppm
Chlorfenapyr	< LOQ	1		0.4	ppm	Chlorpyrifos	< LOQ	0.2		0.06	ppm
Chlorpyrifos	< LOQ	0.2		0.06	ppm	Clofentezine	< LOQ	0.2		0.06	ppm
Cyfluthrin	< LOQ	1		0.06	ppm	Cypermethrin	< LOQ	1		0.4	ppm
Daminozide	< LOQ	1		0.06	ppm	DDVP (Dichlorvos)	< LOQ	1		0.06	ppm
Diazinon	< LOQ	0.2		0.06	ppm	Dimethoate	< LOQ	0.2		0.06	ppm
Ethoprophos	< LOQ	0.2		0.06	ppm	Etofenprox	< LOQ	0.4		0.06	ppm
Etoxazole	< LOQ	0.2		0.06	ppm	Fenoxycarb	< LOQ	0.2		0.06	ppm
Fenpyroximate	< LOQ	0.4		0.06	ppm	Fipronil	< LOQ	0.4		0.1	ppm
Flonicamid	< LOQ	1		0.06	ppm	Fludioxonil	< LOQ	0.4		0.06	ppm
Fludioxonil	< LOQ	0.4		0.06	ppm	Hexythiazox	< LOQ	1		0.1	ppm
Imazalil	< LOQ	0.2		0.06	ppm	Imidacloprid	< LOQ	0.4		0.06	ppm
Kresoxim-methyl	< LOQ	0.4		0.1	ppm	Malathion	< LOQ	0.2		0.06	ppm
Malathion	< LOQ	0.2		0.06	ppm	Metalaxyl	< LOQ	0.2		0.06	ppm
Methiocarb	< LOQ	0.2		0.06	ppm	Methomyl	< LOQ	0.4		0.06	ppm
Methyl parathion	< LOQ	0.2		0.06	ppm	MGK-264	< LOQ	0.2		0.06	ppm
Myclobutanil	< LOQ	0.2		0.06	ppm	Naled	< LOQ	0.5		0.06	ppm
Oxamyl	< LOQ	1		0.06	ppm	Paclobutrazol	< LOQ	0.4		0.06	ppm
Permethrins	< LOQ	0.2		0.06	ppm	Phosmet	< LOQ	0.2		0.06	ppm
Piperonyl butoxide	< LOQ	2		0.9	ppm	Prallethrin	< LOQ	0.2		0.06	ppm
Propiconazole	< LOQ	0.4		0.06	ppm	Propoxur	< LOQ	0.2		0.06	ppm
Pyrethrins	< LOQ	1		0.06	ppm	Pyridaben	< LOQ	0.2		0.06	ppm
Spinosad	< LOQ	0.2		0.06	ppm	Spiromesifen	< LOQ	0.2		0.06	ppm
Spirotetramat	< LOQ	0.2		0.06	ppm	Spiroxamine	< LOQ	0.4		0.06	ppm
Tebuconazole	< LOQ	0.4		0.06	ppm	Thiacloprid	< LOQ	0.2		0.06	ppm
Thiamethoxam	< LOQ	0.2		0.06	ppm	Trifloxystrobin	< LOQ	0.2		0.06	ppm

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.



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Test ID: 5000915

Source ID: 8196

Date Sampled: 01/27/20

Date Accepted: 01/27/20

GVB Biopharma

Residual Solvents

Date/Time Extracted: 01/28/20 11:52

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units
1,4-Dioxane	< LOQ	380		50.00	ppm
2-Butanol	< LOQ	5000		1000	ppm
2-Ethoxyethanol	< LOQ	160		80.00	ppm
2-Propanol (IPA)	< LOQ	5000		1000	ppm
Acetone	< LOQ	5000		1000	ppm
Acetonitrile	< LOQ	410		50.00	ppm
Benzene	< LOQ	2		1.000	ppm
Butanes	< LOQ	5000		1000	ppm
Cumene	< LOQ	70		35.00	ppm
Cyclohexane	< LOQ	3880		50.00	ppm
Dichloromethane	< LOQ	600		50.00	ppm
Ethyl acetate	< LOQ	5000		1000	ppm
Ethyl benzene	< LOQ	2170		35.00	ppm
Ethyl ether	< LOQ	5000		1000	ppm
Ethylene glycol	< LOQ	620		310.0	ppm
Ethylene oxide	< LOQ	50		25.00	ppm
Heptane	< LOQ	5000		1000	ppm
Hexanes	< LOQ	290		50.00	ppm
Isopropyl acetate	< LOQ	5000		1000	ppm
Methanol	< LOQ	3000		1000	ppm
Pentanes	< LOQ	5000		1000	ppm
Propane	< LOQ	5000		1000	ppm
Tetrahydrofuran	< LOQ	720		50.00	ppm
Toluene	< LOQ	890		50.00	ppm
Xylenes	< LOQ	2170		50.00	ppm

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted Red.



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Quality Control Potency

Batch: 2005029 - 215-Concentrates

Blank(2005029-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		01/28/20 11:50	01/29/20 02:17
delta 9-THC	< LOQ	0.1577	%		01/28/20 11:50	01/29/20 02:17
delta 8-THC	< LOQ	0.0934	%		01/28/20 11:50	01/29/20 02:17
Exo-THC	< LOQ	0.0217	%		01/28/20 11:50	01/29/20 02:17
THCV	< LOQ	0.1052	%		01/28/20 11:50	01/29/20 02:17
THCVA	< LOQ	0.0392	%		01/28/20 11:50	01/29/20 02:17
CBD	< LOQ	0.0324	%		01/28/20 11:50	01/29/20 02:17
CBDA	< LOQ	0.0431	%		01/28/20 11:50	01/29/20 02:17
CBDV	< LOQ	0.1040	%		01/28/20 11:50	01/29/20 02:17
CBDVA	< LOQ	0.0341	%		01/28/20 11:50	01/29/20 02:17
CBN	< LOQ	0.0622	%		01/28/20 11:50	01/29/20 02:17
CBG	< LOQ	0.0164	%		01/28/20 11:50	01/29/20 02:17
CBGA	< LOQ	0.0164	%		01/28/20 11:50	01/29/20 02:17
CBC	< LOQ	0.1864	%		01/28/20 11:50	01/29/20 02:17

Reference(2005029-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.1	0.0286	%	80-120	01/28/20 11:50	01/29/20 02:39
delta 9-THC	103	0.0741	%	80-120	01/28/20 11:50	01/29/20 02:39
CBD	98.9	0.0152	%	80-120	01/28/20 11:50	01/29/20 02:39
CBDA	97.4	0.0203	%	80-120	01/28/20 11:50	01/29/20 02:39

Pesticide Analysis

Batch: 2005039 - 202

Blank(2005039-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		01/29/20 10:22	01/30/20 12:34
DDVP (Dichlorvos)	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53
Acephate	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Acequinocyl	< LOQ	0.4	ppm		01/29/20 10:22	01/30/20 12:34
Acetamiprid	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Aldicarb	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Azoxystrobin	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Bifenazate	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Bifenthrin	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53
Boscalid	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53
Carbaryl	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Carbofuran	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34
Chlorantraniliprole	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34



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Quality Control Pesticide Analysis (Continued)

Batch: 2005039 - 202 (Continued)

Blank(2005039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	
Chlorfenapyr	< LOQ	0.4	ppm		01/29/20 10:22	01/29/20 17:53	
Chlorpyrifos	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Chlorpyrifos	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
Clofentezine	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Daminozide	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Cyfluthrin	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
Diazinon	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Cypermethrin	< LOQ	0.4	ppm		01/29/20 10:22	01/29/20 17:53	
Dimethoate	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Ethoprophos	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Etofenprox	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Etoxazole	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Fenoxycarb	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Fenpyroximate	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Flonicamid	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Fludioxonil	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Hexythiazox	< LOQ	0.1	ppm		01/29/20 10:22	01/30/20 12:34	
Imazalil	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Fipronil	< LOQ	0.1	ppm		01/29/20 10:22	01/29/20 17:53	
Imidacloprid	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Malathion	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Fludioxonil	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
Metalaxyl	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Methiocarb	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Methomyl	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Myclobutanil	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Kresoxim-methyl	< LOQ	0.1	ppm		01/29/20 10:22	01/29/20 17:53	
Naled	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Malathion	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
Oxamyl	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Paclobutrazol	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Methyl parathion	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
MGK-264	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	
Phosmet	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Piperonyl butoxide	< LOQ	0.9	ppm		01/29/20 10:22	01/30/20 12:34	
Prallethrin	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Propoxur	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20 12:34	
Permethrins	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20 17:53	



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Quality Control Pesticide Analysis (Continued)

Batch: 2005039 - 202 (Continued)

Blank(2005039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
Pyrethrins	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Pyridaben	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Propiconazole	< LOQ	0.06	ppm		01/29/20 10:22	01/29/20	17:53
Spinosad	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Spiromesifen	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Spirotetramat	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Spiroxamine	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Tebuconazole	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Thiacloprid	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Thiamethoxam	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34
Trifloxystrobin	< LOQ	0.06	ppm		01/29/20 10:22	01/30/20	12:34

LCS(2005039-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
Abamectin	58.7	0.4	ppm	70-130	01/29/20 10:22	01/30/20	12:57
DDVP (Dichlorvos)	94.7	0.06	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Acephate	114	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Acequinocyl	32.4	0.4	ppm	5.57-33.8	01/29/20 10:22	01/30/20	12:57
Acetamiprid	96.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Aldicarb	97.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Azoxystrobin	94.6	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Bifenazate	79.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Bifenthrin	119	0.06	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Boscalid	83.0	0.06	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Carbaryl	92.9	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Carbofuran	95.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Chlorantraniliprole	79.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Chlorfenapyr	106	0.4	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Chlorpyrifos	47.7	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Chlorpyrifos	84.1	0.06	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Clofentezine	21.2	0.06	ppm	14.4-62.3	01/29/20 10:22	01/30/20	12:57
Daminozide	208	0.06	ppm	0-100	01/29/20 10:22	01/30/20	12:57
Cyfluthrin	130	0.06	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Diazinon	90.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Cypermethrin	104	0.4	ppm	70-130	01/29/20 10:22	01/29/20	18:15
Dimethoate	94.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Ethoprophos	91.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Etofenprox	89.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57
Etoxazole	90.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20	12:57



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Quality Control Pesticide Analysis (Continued)

Batch: 2005039 - 202 (Continued)

LCS(2005039-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analized	
Fenoxycarb	92.7	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Fenpyroximate	59.3	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Flonicamid	101	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Fludioxonil	89.6	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Hexythiazox	65.2	0.1	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Imazalil	83.1	0.06	ppm	57.9-96.4	01/29/20 10:22	01/30/20 12:57	
Fipronil	110	0.1	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Imidacloprid	97.6	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Malathion	97.3	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Fludioxonil	91.8	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Metalaxyl	91.7	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Methiocarb	99.3	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Methomyl	99.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Myclobutanil	97.8	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Kresoxim-methyl	128	0.1	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Naled	171	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Malathion	108	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Oxamyl	98.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Paclobutrazol	90.4	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Methyl parathion	108	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
MGK-264	103	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Phosmet	94.3	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Piperonyl butoxide	91.3	0.9	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Prallethrin	93.0	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Propoxur	94.2	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Permethrins	99.0	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Pyrethrins	77.2	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Pyridaben	90.3	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Propiconazole	93.7	0.06	ppm	70-130	01/29/20 10:22	01/29/20 18:15	
Spinosad	69.9	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Spiromesifen	80.9	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Spirotetramat	96.2	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Spiroxamine	92.7	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Tebuconazole	82.9	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Thiacloprid	94.2	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Thiamethoxam	101	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	
Trifloxystrobin	94.7	0.06	ppm	70-130	01/29/20 10:22	01/30/20 12:57	



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Quality Control Solvent Analysis

Batch: 2005030 - 205

Blank(2005030-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Acetonitrile	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
Benzene	< LOQ	1.000	ppm		01/28/20 11:52	01/30/20 09:42
Butanes	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
2-Butanol	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Cumene	< LOQ	35.00	ppm		01/28/20 11:52	01/30/20 09:42
Cyclohexane	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
Dichloromethane	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
1,4-Dioxane	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
2-Ethoxyethanol	< LOQ	80.00	ppm		01/28/20 11:52	01/30/20 09:42
Ethyl acetate	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Ethyl benzene	< LOQ	35.00	ppm		01/28/20 11:52	01/30/20 09:42
Ethylene glycol	< LOQ	310.0	ppm		01/28/20 11:52	01/30/20 09:42
Ethylene oxide	< LOQ	25.00	ppm		01/28/20 11:52	01/30/20 09:42
Ethyl ether	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Heptane	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Hexanes	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
Isopropyl acetate	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Methanol	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Pentanes	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Propane	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
2-Propanol (IPA)	< LOQ	1000	ppm		01/28/20 11:52	01/30/20 09:42
Tetrahydrofuran	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
Toluene	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42
Xylenes	< LOQ	50.00	ppm		01/28/20 11:52	01/30/20 09:42

LCS(2005030-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	88.5	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Acetonitrile	98.5	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Benzene	91.1	1.000	ppm	70-130	01/28/20 11:52	01/29/20 06:34
n-Butane	78.1	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Butanes	74.8	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34
2-Butanol	89.2	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Cumene	82.4	35.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Cyclohexane	90.0	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
Dichloromethane	94.0	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
1,4-Dioxane	94.5	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34
2-Ethoxyethanol	86.5	80.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34



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Quality Control Solvent Analysis (Continued)

Batch: 2005030 - 205 (Continued)

LCS(2005030-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
Ethyl acetate	95.1	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Ethyl benzene	82.7	35.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Ethylene glycol	88.2	310.0	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Ethylene oxide	92.9	25.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Ethyl ether	91.8	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Heptane	92.3	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
n-Hexane	92.6	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Hexanes	92.6	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
iso-Butane	71.4	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Isopropyl acetate	90.5	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
iso-Pentane	86.4	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Methanol	120	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
2-Methylpentane	92.5	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
3-Methylpentane	92.4	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
neo-Pentane	78.0	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
n-Pentane	97.7	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Pentanes	87.4	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Propane	58.6	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
2-Propanol (IPA)	104	1000	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Tetrahydrofuran	93.5	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	
Toluene	89.2	50.00	ppm	70-130	01/28/20 11:52	01/29/20 06:34	



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