



CBGA Isolate - GUNF

Sample ID: G0A0354-01 Matrix: Extracts & Concentrates
Test ID: 5000894
Source ID: GUNF.121219.001
Date Sampled: 01/23/20 Date Accepted: 01/23/20

ZPE LLC

Results at a Glance

Total THC : <LOQ (0.2486%) %

Total CBD : <LOQ (0.0680%) %

Pesticides : PASS

Residual Solvent Analysis : PASS



Eric Wendt
Chief Science Officer - 1/27/2020

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CBGA Isolate - GUNF

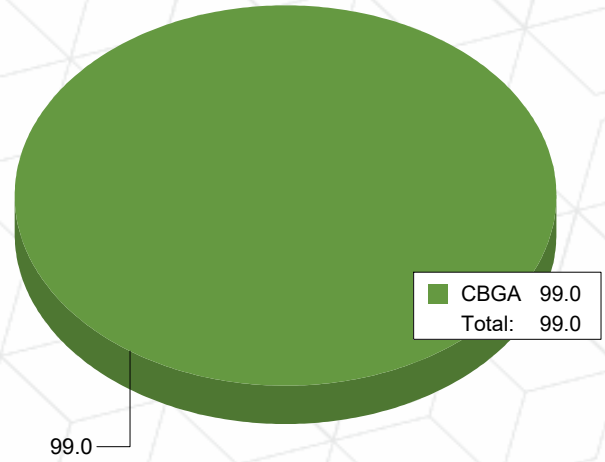
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Date Sampled: 01/23/20 Date Accepted: 01/23/20

ZPE LLC

Potency Analysis

Date/Time Extracted: 01/24/20 12:59 Analysis Method/SOP: 215 Batch Identification: 2004074

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.2486	< LOQ	< LOQ	
Total CBD	0.0680	< LOQ	< LOQ	
THCA	0.0957	< LOQ	< LOQ	
delta 9-THC	0.2486	< LOQ	< LOQ	
delta 8-THC	0.1473	< LOQ	< LOQ	
Exo-THC	0.0342	< LOQ	< LOQ	
THCV	0.1658	< LOQ	< LOQ	
THCVA	0.0618	< LOQ	< LOQ	
CBD	0.0510	< LOQ	< LOQ	
CBDA	0.0680	< LOQ	< LOQ	
CBDV	0.1640	< LOQ	< LOQ	
CBDVA	0.0538	< LOQ	< LOQ	
CBN	0.0981	< LOQ	< LOQ	
CBG	0.0258	< LOQ	< LOQ	
CBGA	0.0258	98.98	989.8	
CBC	0.2940	< LOQ	< LOQ	
Total Cannabinoids		98.98	989.8	



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: 5000894

Source ID: GUNF.121219.001

Date Sampled: 01/23/20

Date Accepted: 01/23/20

ZPE LLC

Pesticide Analysis in ppm

Date/Time Extracted: 01/24/20 12:00

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: 5000894

Source ID: GUNF.121219.001

Date Sampled: 01/23/20 Date Accepted: 01/23/20

ZPE LLC

Residual Solvents

Date/Time Extracted: 01/24/20 15:36

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	1842	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.



ISO 17025
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LABORATORY

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Quality Control Potency

Batch: 2004074 - 215-Concentrates

Blank(2004074-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		01/24/20 12:59	01/24/20 18:37
delta 9-THC	< LOQ	0.1577	%		01/24/20 12:59	01/24/20 18:37
delta 8-THC	< LOQ	0.0934	%		01/24/20 12:59	01/24/20 18:37
Exo-THC	< LOQ	0.0217	%		01/24/20 12:59	01/24/20 18:37
THCV	< LOQ	0.1052	%		01/24/20 12:59	01/24/20 18:37
THCVA	< LOQ	0.0392	%		01/24/20 12:59	01/24/20 18:37
CBD	< LOQ	0.0324	%		01/24/20 12:59	01/24/20 18:37
CBDA	< LOQ	0.0431	%		01/24/20 12:59	01/24/20 18:37
CBDV	< LOQ	0.1040	%		01/24/20 12:59	01/24/20 18:37
CBDVA	< LOQ	0.0341	%		01/24/20 12:59	01/24/20 18:37
CBN	< LOQ	0.0622	%		01/24/20 12:59	01/24/20 18:37
CBG	< LOQ	0.0164	%		01/24/20 12:59	01/24/20 18:37
CBGA	< LOQ	0.0164	%		01/24/20 12:59	01/24/20 18:37
CBC	< LOQ	0.1864	%		01/24/20 12:59	01/24/20 18:37

Reference(2004074-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	100	0.0312	%	80-120	01/24/20 12:59	01/24/20 19:00
delta 9-THC	105	0.0809	%	80-120	01/24/20 12:59	01/24/20 19:00
CBD	101	0.0166	%	80-120	01/24/20 12:59	01/24/20 19:00
CBDA	99.4	0.0221	%	80-120	01/24/20 12:59	01/24/20 19:00

Pesticide Analysis

Batch: 2004073 - 202

Blank(2004073-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		01/24/20 12:00	01/24/20 19:14
DDVP (Dichlorvos)	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Acephate	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Acequinocyl	< LOQ	0.4	ppm		01/24/20 12:00	01/24/20 19:14
Acetamiprid	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Aldicarb	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Azoxystrobin	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Bifenazate	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Bifenthrin	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Boscalid	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Carbaryl	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Carbofuran	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Chlorantraniliprole	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14



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Quality Control Pesticide Analysis (Continued)

Batch: 2004073 - 202 (Continued)

Blank(2004073-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.4	ppm		01/24/20 12:00	01/24/20 18:48
Chlorpyrifos	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Chlorpyrifos	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Clofentezine	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Daminozide	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Cyfluthrin	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Diazinon	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Cypermethrin	< LOQ	0.4	ppm		01/24/20 12:00	01/24/20 18:48
Dimethoate	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Ethoprophos	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Etofenprox	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Etoxazole	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Fenoxycarb	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Fenpyroximate	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Flonicamid	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Fludioxonil	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Hexythiazox	< LOQ	0.1	ppm		01/24/20 12:00	01/24/20 19:14
Imazalil	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Fipronil	< LOQ	0.1	ppm		01/24/20 12:00	01/24/20 18:48
Imidacloprid	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Malathion	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Fludioxonil	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Metalaxyl	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Methiocarb	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Methomyl	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Myclobutanil	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Kresoxim-methyl	< LOQ	0.1	ppm		01/24/20 12:00	01/24/20 18:48
Naled	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Malathion	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Oxamyl	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Paclobutrazol	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Methyl parathion	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
MGK-264	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Phosmet	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Piperonyl butoxide	< LOQ	0.8	ppm		01/24/20 12:00	01/24/20 19:14
Prallethrin	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Propoxur	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Permethrins	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48



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Quality Control Pesticide Analysis (Continued)

Batch: 2004073 - 202 (Continued)

Blank(2004073-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Pyrethrins	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Pyridaben	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Propiconazole	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 18:48
Spinosad	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Spiromesifen	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Spirotetramat	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Spiroxamine	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Tebuconazole	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Thiacloprid	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Thiamethoxam	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14
Trifloxystrobin	< LOQ	0.05	ppm		01/24/20 12:00	01/24/20 19:14

LCS(2004073-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	111	0.4	ppm	70-130	01/24/20 12:00	01/24/20 19:37
DDVP (Dichlorvos)	145	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Acephate	113	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Acequinocyl	25.9	0.4	ppm	5.57-33.8	01/24/20 12:00	01/24/20 19:37
Acetamiprid	105	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Aldicarb	106	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Azoxystrobin	106	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Bifenazate	103	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Bifenthrin	108	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Boscalid	74.8	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Carbaryl	110	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Carbofuran	107	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Chlorantraniliprole	61.3	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Chlorfenapyr	90.3	0.4	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Chlorpyrifos	70.1	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Chlorpyrifos	95.4	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Clofentezine	17.4	0.06	ppm	14.4-62.3	01/24/20 12:00	01/24/20 19:37
Daminozide	194	0.06	ppm	0-100	01/24/20 12:00	01/24/20 19:37
Cyfluthrin	94.2	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Diazinon	101	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Cypermethrin	80.5	0.4	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Dimethoate	109	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Ethoprophos	97.2	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Etofenprox	93.6	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Etoxazole	101	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37



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Quality Control Pesticide Analysis (Continued)

Batch: 2004073 - 202 (Continued)

LCS(2004073-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fenoxycarb	102	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Fenpyroximate	55.2	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Flonicamid	99.1	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Fludioxonil	109	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Hexythiazox	70.5	0.1	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Imazalil	72.9	0.06	ppm	57.9-96.4	01/24/20 12:00	01/24/20 19:37
Fipronil	102	0.1	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Imidacloprid	99.7	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Malathion	111	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Fludioxonil	86.7	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Metalaxyl	108	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Methiocarb	107	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Methomyl	109	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Myclobutanil	98.4	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Kresoxim-methyl	106	0.1	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Naled	119	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Malathion	91.1	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Oxamyl	113	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Paclobutrazol	102	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Methyl parathion	79.7	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
MGK-264	99.0	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Phosmet	107	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Piperonyl butoxide	166	0.9	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Prallethrin	102	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Propoxur	108	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Permethrins	102	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Pyrethrins	119	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Pyridaben	98.8	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Propiconazole	93.5	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:11
Spinosad	75.0	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Spiromesifen	91.5	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Spirotetramat	110	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Spiroxamine	102	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Tebuconazole	93.1	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Thiacloprid	105	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Thiamethoxam	108	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37
Trifloxystrobin	105	0.06	ppm	70-130	01/24/20 12:00	01/24/20 19:37



Eric Wendt
Chief Science Officer - 1/27/2020

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Quality Control Solvent Analysis

Batch: 2004076 - 205

Blank(2004076-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Acetonitrile	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
Benzene	< LOQ	1.000	ppm		01/24/20 15:36	01/24/20 23:10
Butanes	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
2-Butanol	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Cumene	< LOQ	35.00	ppm		01/24/20 15:36	01/24/20 23:10
Cyclohexane	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
Dichloromethane	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
1,4-Dioxane	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
2-Ethoxyethanol	< LOQ	80.00	ppm		01/24/20 15:36	01/24/20 23:10
Ethyl acetate	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Ethyl benzene	< LOQ	35.00	ppm		01/24/20 15:36	01/24/20 23:10
Ethylene glycol	< LOQ	310.0	ppm		01/24/20 15:36	01/24/20 23:10
Ethylene oxide	< LOQ	25.00	ppm		01/24/20 15:36	01/24/20 23:10
Ethyl ether	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Heptane	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Hexanes	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
Isopropyl acetate	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Methanol	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Pentanes	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Propane	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
2-Propanol (IPA)	< LOQ	1000	ppm		01/24/20 15:36	01/24/20 23:10
Tetrahydrofuran	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
Toluene	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10
Xylenes	< LOQ	50.00	ppm		01/24/20 15:36	01/24/20 23:10

LCS(2004076-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	91.0	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Acetonitrile	96.6	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Benzene		1.000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
n-Butane	87.1	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Butanes	85.8	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
2-Butanol	88.8	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Cumene	85.3	35.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Cyclohexane	90.0	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Dichloromethane	92.9	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
1,4-Dioxane	96.0	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
2-Ethoxyethanol	88.9	80.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11



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Quality Control Solvent Analysis (Continued)

Batch: 2004076 - 205 (Continued)

LCS(2004076-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	92.1	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Ethyl benzene	84.1	35.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Ethylene glycol	96.4	310.0	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Ethylene oxide	92.7	25.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Ethyl ether	91.5	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Heptane	90.1	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
n-Hexane	92.3	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Hexanes	93.4	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
iso-Butane	84.5	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Isopropyl acetate	89.9	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
iso-Pentane	90.0	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Methanol	95.4	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
2-Methylpentane	92.2	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
3-Methylpentane	92.5	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
neo-Pentane	87.7	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
n-Pentane	90.5	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Pentanes	89.4	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Propane	78.7	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
2-Propanol (IPA)	102	1000	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Tetrahydrofuran	92.1	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11
Toluene	89.9	50.00	ppm	70-130	01/24/20 15:36	01/24/20 20:11



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