



SGB2006GW

Sample ID: G0J0416-01

Matrix: Hemp Extracts &

Test ID: 5009491

Source ID:

Date Sampled: 10/15/20

Date Accepted: 10/15/20

Sun Gold Botanicals LLC

Results at a Glance

Total THC : 0.3346 %

Total CBD : 1.548 %

Total CBG : 71.42 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Terpenes : 1.631 % PASS



Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 10/21/2020

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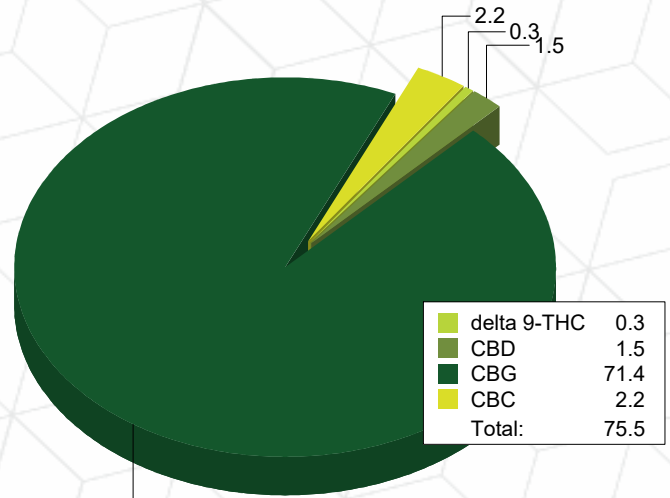
Potency Analysis

Date/Time Extracted: 10/19/20 15:32

Analysis Method/SOP: 215

Batch Identification: 2043013

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	0.3346	3.346	
Total CBD	0.0431	1.548	15.48	
Total CBG	0.0164	71.42	714.2	
THCA	0.0607	< LOQ	< LOQ	
delta 9-THC	0.1577	0.3346	3.346	
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	1.548	15.48	
CBDA	0.0431	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	71.42	714.2	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	2.223	22.23	
Total Cannabinoids		75.52	755.2	



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

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

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



ISO 17025
ACCREDITED
LABORATORY

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Source ID:

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Date Accepted: 10/15/20

Sun Gold Botanicals LLC

Terpene Analysis

Date/Time Extracted: 10/19/20 15:32

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	< LOQ	< LOQ
Linalool	< LOQ	< LOQ	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	< LOQ	< LOQ	alpha-Pinene	< LOQ	< LOQ
beta-Pinene	< LOQ	< LOQ	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	< LOQ	< LOQ	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.6984	6.984	beta-Caryophyllene	0.4283	4.283
Caryophyllene Oxide	0.03018	0.3018	Guaiol	0.3304	3.304
alpha-Humulene	0.1439	1.439	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	1.631	16.31			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



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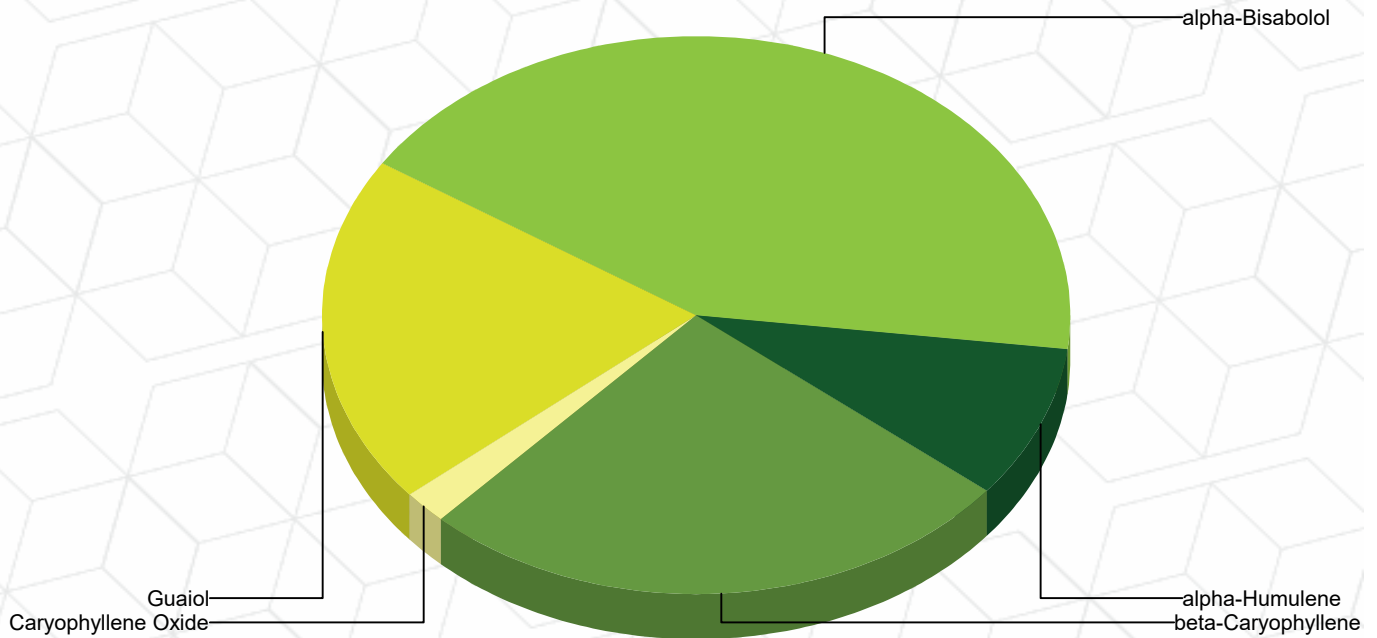
Source ID:

Date Sampled: 10/15/20

Date Accepted: 10/15/20

Sun Gold Botanicals LLC

Terpene Profile



Percentage of Total Terpenes Identified



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Test ID: 5009491

Source ID:

Date Sampled: 10/15/20

Date Accepted: 10/15/20

Sun Gold Botanicals LLC

Pesticide Analysis in ppm

Date/Time Extracted: 10/19/20 09:50

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
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	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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Source ID:

Date Sampled: 10/15/20

Date Accepted: 10/15/20

Sun Gold Botanicals LLC

Residual Solvents

Date/Time Extracted: 10/20/20 09:47

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

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Quality Control Potency

Batch: 2043013 - 215-Concentrates

Blank(2043013-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		10/19/20 15:32	10/20/20 09:07
delta 9-THC	< LOQ	0.1577	%		10/19/20 15:32	10/20/20 09:07
delta 8-THC	< LOQ	0.0934	%		10/19/20 15:32	10/20/20 09:07
Exo-THC	< LOQ	0.0217	%		10/19/20 15:32	10/20/20 09:07
THCV	< LOQ	0.1052	%		10/19/20 15:32	10/20/20 09:07
THCVA	< LOQ	0.0392	%		10/19/20 15:32	10/20/20 09:07
CBD	< LOQ	0.0324	%		10/19/20 15:32	10/20/20 09:07
CBDA	< LOQ	0.0431	%		10/19/20 15:32	10/20/20 09:07
CBDV	< LOQ	0.1040	%		10/19/20 15:32	10/20/20 09:07
CBDVA	< LOQ	0.0341	%		10/19/20 15:32	10/20/20 09:07
CBN	< LOQ	0.0622	%		10/19/20 15:32	10/20/20 09:07
CBG	< LOQ	0.0164	%		10/19/20 15:32	10/20/20 09:07
CBGA	< LOQ	0.0164	%		10/19/20 15:32	10/20/20 09:07
CBC	< LOQ	0.0186	%		10/19/20 15:32	10/20/20 09:07

Reference(2043013-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	90.2	0.0302	%	80-120	10/19/20 15:32	10/20/20 09:30
delta 9-THC	92.1	0.0783	%	80-120	10/19/20 15:32	10/20/20 09:30
CBD	89.8	0.0161	%	80-120	10/19/20 15:32	10/20/20 09:30
CBDA	87.8	0.0214	%	80-120	10/19/20 15:32	10/20/20 09:30

Pesticide Analysis

Batch: 2043001 - 202

Blank(2043001-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		10/19/20 09:50	10/20/20 09:58
DDVP (Dichlorvos)	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Acephate	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Acequinocyl	< LOQ	0.4	ppm		10/19/20 09:50	10/20/20 09:58
Acetamiprid	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Aldicarb	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Azoxystrobin	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Bifenazate	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Bifenthrin	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Boscalid	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Carbaryl	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Carbofuran	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Chlorantraniliprole	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58



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Quality Control Pesticide Analysis (Continued)

Batch: 2043001 - 202 (Continued)

Blank(2043001-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.4	ppm		10/19/20 09:50	10/19/20 17:34
Chlorpyrifos	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Clofentezine	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Daminozide	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Cyfluthrin	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Diazinon	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Cypermethrin	< LOQ	0.4	ppm		10/19/20 09:50	10/19/20 17:34
Dimethoate	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Ethoprophos	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Etofenprox	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Etoxazole	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fenoxycarb	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fenpyroximate	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fonicamid	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fludioxonil	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Hexythiazox	< LOQ	0.1	ppm		10/19/20 09:50	10/20/20 09:58
Imazalil	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fipronil	< LOQ	0.1	ppm		10/19/20 09:50	10/19/20 17:34
Imidacloprid	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Fludioxonil	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Metalaxyl	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Methiocarb	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Methomyl	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Myclobutanil	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Kresoxim-methyl	< LOQ	0.1	ppm		10/19/20 09:50	10/19/20 17:34
Naled	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Malathion	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Oxamyl	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Paclobutrazol	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Methyl parathion	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
MGK-264	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Phosmet	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Piperonyl butoxide	< LOQ	0.9	ppm		10/19/20 09:50	10/20/20 09:58
Prallethrin	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Propoxur	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Permethrins	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Pyrethrins	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Pyridaben	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58



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Quality Control Pesticide Analysis (Continued)

Batch: 2043001 - 202 (Continued)

Blank(2043001-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propiconazole	< LOQ	0.06	ppm		10/19/20 09:50	10/19/20 17:34
Spinosad	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Spiromesifen	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Spirotetramat	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Spiroxamine	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Tebuconazole	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Thiacloprid	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Thiamethoxam	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58
Trifloxystrobin	< LOQ	0.06	ppm		10/19/20 09:50	10/20/20 09:58

LCS(2043001-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	107	0.4	ppm	70-130	10/19/20 09:50	10/20/20 10:21
DDVP (Dichlorvos)	116	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Acephate	110	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Acequinocyl	31.3	0.4	ppm	5.57-33.8	10/19/20 09:50	10/20/20 10:21
Acetamiprid	114	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Aldicarb	113	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Azoxystrobin	114	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Bifenazate	96.6	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Bifenthrin	105	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Boscalid	91.4	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Carbaryl	117	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Carbofuran	119	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Chlorantraniliprole	96.0	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Chlorfenapyr	76.9	0.4	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Chlorpyrifos	110	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Clofentezine	30.8	0.06	ppm	14.4-62.3	10/19/20 09:50	10/20/20 10:21
Daminozide	404	0.06	ppm	0-100	10/19/20 09:50	10/20/20 10:21
Cyfluthrin	108	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Diazinon	112	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Cypermethrin	126	0.4	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Dimethoate	123	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Ethoprophos	118	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Etofenprox	102	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Etoxazole	110	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Fenoxycarb	107	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Fenpyroximate	78.6	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Flonicamid	119	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21



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Quality Control Pesticide Analysis (Continued)

Batch: 2043001 - 202 (Continued)

LCS(2043001-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	111	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Hexythiazox	113	0.1	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Imazalil	81.0	0.06	ppm	57.9-96.4	10/19/20 09:50	10/20/20 10:21
Fipronil	113	0.1	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Imidacloprid	120	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Fludioxonil	105	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Metalaxyl	112	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Methiocarb	117	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Methomyl	112	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Myclobutanil	105	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Kresoxim-methyl	123	0.1	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Naled	119	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Malathion	103	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Oxamyl	114	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Paclobutrazol	103	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Methyl parathion	104	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
MGK-264	96.0	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Phosmet	117	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Piperonyl butoxide	97.4	0.9	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Prallethrin	107	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Propoxur	119	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Permethrins	101	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Pyrethrins	37.2	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Pyridaben	108	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Propiconazole	95.4	0.06	ppm	70-130	10/19/20 09:50	10/19/20 17:56
Spinosad	88.9	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Spiromesifen	115	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Spirotetramat	115	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Spiroxamine	108	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Tebuconazole	91.2	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Thiacloprid	116	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Thiamethoxam	116	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21
Trifloxystrobin	109	0.06	ppm	70-130	10/19/20 09:50	10/20/20 10:21

Solvent Analysis

Batch: 2043020 - 205

Blank(2043020-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed



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Quality Control Solvent Analysis (Continued)

Batch: 2043020 - 205 (Continued)

Blank(2043020-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Acetonitrile	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
Benzene	< LOQ	1.000	ppm		10/20/20 09:47	10/21/20 09:46
Butanes	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
2-Butanol	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Cumene	< LOQ	35.00	ppm		10/20/20 09:47	10/21/20 09:46
Cyclohexane	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
Dichloromethane	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
1,4-Dioxane	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
2-Ethoxyethanol	< LOQ	80.00	ppm		10/20/20 09:47	10/21/20 09:46
Ethyl acetate	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Ethyl benzene	< LOQ	35.00	ppm		10/20/20 09:47	10/21/20 09:46
Ethylene glycol	< LOQ	310.0	ppm		10/20/20 09:47	10/21/20 09:46
Ethylene oxide	< LOQ	25.00	ppm		10/20/20 09:47	10/21/20 09:46
Ethyl ether	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Heptane	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Hexanes	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
Isopropyl acetate	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Methanol	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Pentanes	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Propane	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
2-Propanol (IPA)	< LOQ	1000	ppm		10/20/20 09:47	10/21/20 09:46
Tetrahydrofuran	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
Toluene	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46
Xylenes	< LOQ	50.00	ppm		10/20/20 09:47	10/21/20 09:46

LCS(2043020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	91.8	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Acetonitrile	94.3	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Benzene	81.5	1.000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
n-Butane	92.6	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Butanes	89.9	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
2-Butanol	84.0	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Cumene	78.1	35.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Cyclohexane	91.4	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Dichloromethane	97.1	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
1,4-Dioxane	80.6	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
2-Ethoxyethanol	68.5	80.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51



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Quality Control Solvent Analysis (Continued)

Batch: 2043020 - 205 (Continued)

LCS(2043020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	108	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Ethyl benzene	79.4	35.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Ethylene glycol	83.2	310.0	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Ethylene oxide	90.8	25.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Ethyl ether	97.5	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Heptane	100	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
n-Hexane	98.2	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Hexanes	95.9	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
iso-Butane	86.7	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Isopropyl acetate	86.5	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
iso-Pentane	97.8	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Methanol	91.6	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
2-Methylpentane	103	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
3-Methylpentane	98.1	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
neo-Pentane	88.8	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
n-Pentane	96.5	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Pentanes	94.4	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Propane	74.7	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
2-Propanol (IPA)	112	1000	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Tetrahydrofuran	96.1	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51
Toluene	82.3	50.00	ppm	70-130	10/20/20 09:47	10/20/20 15:51

Terpene Analysis

Batch: 2043013 - 215-Concentrates

Blank(2043013-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Camphene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Camphor	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
3-Carene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
beta-Caryophyllene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Caryophyllene Oxide	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
alpha-Cedrene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Cedrol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Endo-fenchyl alcohol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Eucalyptol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Fenchone	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Geraniol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58



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Quality Control Terpene Analysis (Continued)

Batch: 2043013 - 215-Concentrates (Continued)

Blank(2043013-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Geranyl acetate	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Guaiol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Hexahydrothymol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
alpha-Humulene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Isoborneol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Isopulegol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Limonene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Linalool	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
p-Mentha-1,5-diene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
beta-Myrcene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
trans-Nerolidol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
alpha-Pinene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
beta-Pinene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Pulegone	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Sabinene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Sabinene hydrate	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
gamma-Terpinene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
alpha-Terpinene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Terpineol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Terpinolene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Valencene	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
B Y-Terpineol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Nerol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
A-Terpineol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
cis-Nerolidol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Borneol	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Ocimene isomer II	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58
Ocimene isomer I	< LOQ	2.500E-4	%		10/19/20 15:32	10/20/20 01:58

Reference(2043013-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
beta-Caryophyllene	80.4	1.242E-4	%	70-130	10/19/20 15:32	10/20/20 02:17
alpha-Humulene	94.8	1.242E-4	%	70-130	10/19/20 15:32	10/20/20 02:17
Limonene	99.9	1.242E-4	%	70-130	10/19/20 15:32	10/20/20 02:17
beta-Myrcene	88.3	1.242E-4	%	70-130	10/19/20 15:32	10/20/20 02:17
Terpinolene	88.3	1.242E-4	%	70-130	10/19/20 15:32	10/20/20 02:17



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