



### Hawaiian Haze

Sample ID: G0K

Matrix: Industrial Hemp

Test ID: 501

Source ID:

Date Sampled: 11/17/20

Date Accepted: 11/17/20

### Results at a Glance

Total THC : 0.63 %

Total CBD : 14 %

Total CBG : 0.48 %

Pesticides : PASS

Water Activity : 0.53 PASS

Percent Moisture : 6.90 % PASS

Total Terpenes : 0.9022 % PASS



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Quality Officer - 11/20/2020

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### Hawaiian Haze

Sample ID: G0K Matrix: Industrial Hemp  
Test ID: 5012  
Source ID:  
Date Sampled: 11/17/20 Date Accepted: 11/17/20

### Potency Analysis

Date/Time Extracted: 11/19/20 11:36 Analysis Method/SOP: 215 Batch Identification: 2047045

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.002	0.63	6.3		
Total CBD	0.002	14	140		
Total CBG	0.0002	0.48	4.8		
THCA	0.0007	0.61	6.1	0.6	
delta 9-THC	0.002	0.099	0.99	0.1	
THCV	0.001	< LOQ	< LOQ		
THCVA	0.0005	< LOQ	< LOQ	0.6	
CBD	0.002	0.59	5.9		
CBDA	0.002	15	150		15.0
CBDV	0.001	< LOQ	< LOQ		
CBDVA	0.0004	0.079	0.79		0.1
CBN	0.0008	< LOQ	< LOQ		
CBG	0.0002	0.073	0.73		
CBGA	0.0002	0.46	4.6		
CBC	0.002	0.10	1		

### Water Activity

Date/Time Extracted: 11/19/20 14:24 Analysis Method/SOP: 102  
Water Activity: 0.53 at 24°C Action Level: 0.65

### Moisture

Date/Time Extracted: 11/19/20 14:29 Analysis Method/SOP: 103  
Moisture: 6.90 % Action Level: 15%

Potency results are reported on a dry weight basis.  
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.



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### Hawaiian Haze

Sample ID: G0K0363-03

Matrix: Industrial Hemp

Test ID: 5012595

Source ID:

Date Sampled: 11/17/20

Date Accepted: 11/17/20

Tree Fort Farms

### Terpene Analysis

Date/Time Extracted: 11/19/20 11:36

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	0.01504	0.1504
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.04324	0.4324
Linalool	0.04712	0.4712	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.3784	3.784	alpha-Pinene	0.03304	0.3304
beta-Pinene	0.03047	0.3047	Pulegone	< LOQ	< LOQ
Sabinene	0.04127	0.4127	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01622	0.1622	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.02575	0.2575	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.07196	0.7196	beta-Caryophyllene	0.08872	0.8872
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	0.07721	0.7721
alpha-Humulene	0.03372	0.3372	trans-Nerolidol	< LOQ	< LOQ
Valencene	0.01629	0.1629	cis-Nerolidol	< LOQ	< LOQ
<b>Total Terpenes</b>	<b>0.9022</b>	<b>9.022</b>			

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



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### Hawaiian Haze

Sample ID: G0K

Matrix: Industrial Hemp

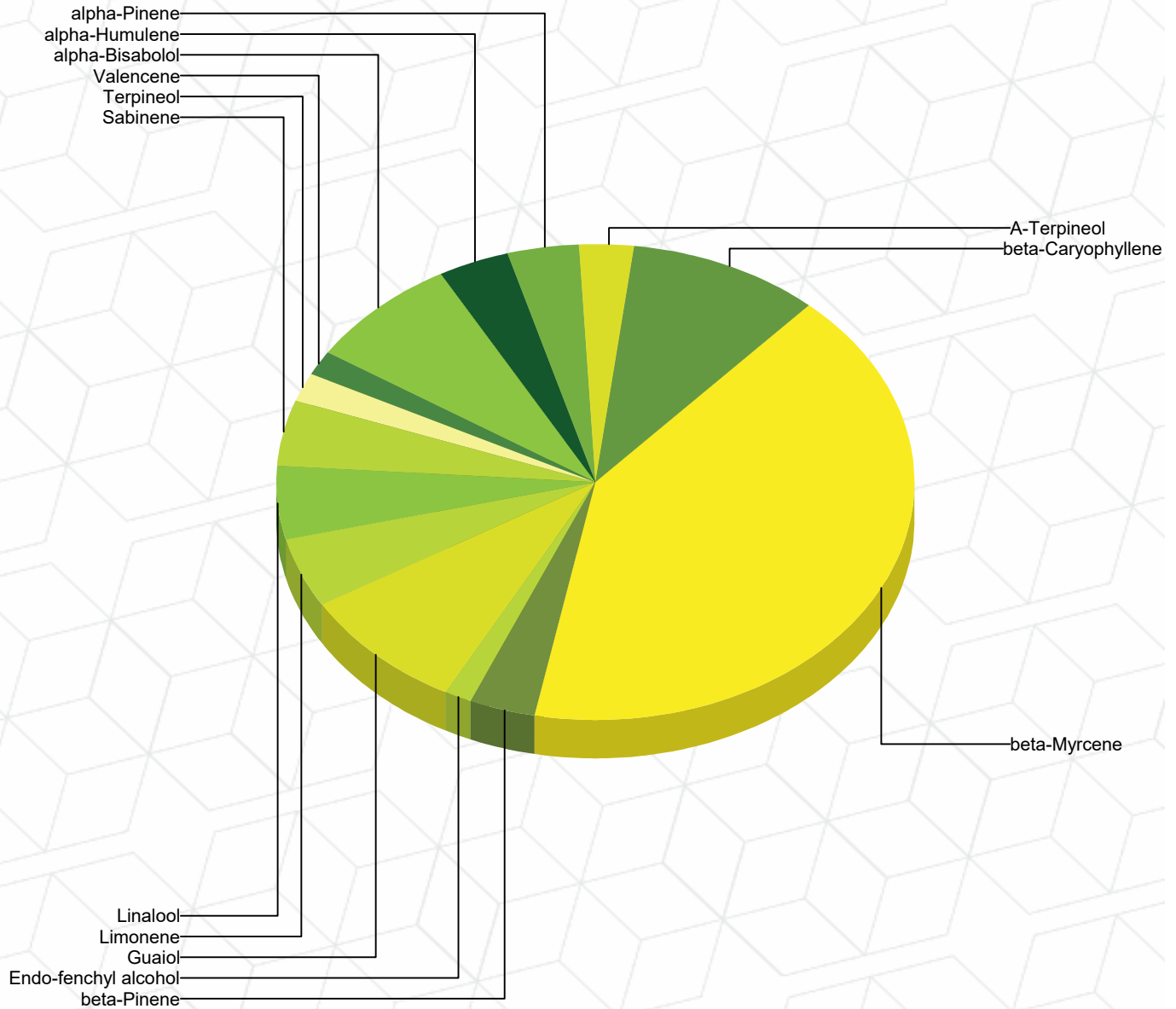
Test ID: 5012

Source ID:

Date Sampled: 11/17/20

Date Accepted: 11/17/20

### Terpene Profile



Percentage of Total Terpenes Identified



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### Hawaiian Haze

Sample ID: G0K0 Matrix: Industrial Hemp  
Test ID: 5012595  
Source ID:  
Date Sampled: 11/17/20 Date Accepted: 11/17/20

### Pesticide Analysis in ppm

Date/Time Extracted: 11/18/20 13:20  
Analysis Method/SOP: 203

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.04	ppm	Acephate	< LOQ	0.4		0.04	ppm
Acequinocyl	< LOQ	2		0.04	ppm	Acetamiprid	< LOQ	0.2		0.04	ppm
Aldicarb	< LOQ	0.4		0.04	ppm	Azoxystrobin	< LOQ	0.2		0.04	ppm
Bifenazate	< LOQ	0.2		0.04	ppm	Bifenthrin	< LOQ	0.2		0.04	ppm
Boscalid	< LOQ	0.4		0.04	ppm	Carbaryl	< LOQ	0.2		0.04	ppm
Carbofuran	< LOQ	0.2		0.04	ppm	Chlorantraniliprole	< LOQ	0.2		0.04	ppm
Chlorfenapyr	< LOQ	1		0.04	ppm	Chlorpyrifos	< LOQ	0.2		0.04	ppm
Clofentezine	< LOQ	0.2		0.04	ppm	Cyfluthrin	< LOQ	1		0.04	ppm
Cypermethrin	< LOQ	1		0.04	ppm	Daminozide	< LOQ	1		0.04	ppm
DDVP (Dichlorvos)	< LOQ	1		0.04	ppm	Diazinon	< LOQ	0.2		0.04	ppm
Dimethoate	< LOQ	0.2		0.04	ppm	Ethoprophos	< LOQ	0.2		0.04	ppm
Etofenprox	< LOQ	0.4		0.04	ppm	Etoxazole	< LOQ	0.2		0.04	ppm
Fenoxycarb	< LOQ	0.2		0.04	ppm	Fenpyroximate	< LOQ	0.4		0.04	ppm
Fipronil	< LOQ	0.4		0.04	ppm	Flonicamid	< LOQ	1		0.04	ppm
Fludioxonil	< LOQ	0.4		0.04	ppm	Hexythiazox	< LOQ	1		0.04	ppm
Imazalil	< LOQ	0.2		0.04	ppm	Imidacloprid	< LOQ	0.4		0.04	ppm
Kresoxim-methyl	< LOQ	0.4		0.04	ppm	Malathion	< LOQ	0.2		0.04	ppm
Metalaxyl	< LOQ	0.2		0.04	ppm	Methiocarb	< LOQ	0.2		0.04	ppm
Methomyl	< LOQ	0.4		0.04	ppm	Methyl parathion	< LOQ	0.2		0.04	ppm
MGK-264	< LOQ	0.2		0.04	ppm	Myclobutanil	< LOQ	0.2		0.04	ppm
Naled	< LOQ	0.5		0.04	ppm	Oxamyl	< LOQ	1		0.04	ppm
Paclobutrazol	< LOQ	0.4		0.04	ppm	Permethrins	< LOQ	0.2		0.04	ppm
Phosmet	< LOQ	0.2		0.04	ppm	Piperonyl butoxide	< LOQ	2		0.1	ppm
Prallethrin	< LOQ	0.2		0.04	ppm	Propiconazole	< LOQ	0.4		0.04	ppm
Propoxur	< LOQ	0.2		0.04	ppm	Pyrethrins	< LOQ	1		0.1	ppm
Pyridaben	< LOQ	0.2		0.04	ppm	Spinosad	< LOQ	0.2		0.04	ppm
Spiromesifen	< LOQ	0.2		0.04	ppm	Spirotetramat	< LOQ	0.2		0.04	ppm
Spiroxamine	< LOQ	0.4		0.04	ppm	Tebuconazole	< LOQ	0.4		0.04	ppm
Thiacloprid	< LOQ	0.2		0.04	ppm	Thiamethoxam	< LOQ	0.2		0.04	ppm
Trifloxystrobin	< LOQ	0.2		0.04	ppm						

ND - Compound not detected  
Results above the Action Level fail state testing requirements and will be highlighted Red.



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### Quality Control Potency

Batch: 2047045 - 215-Hemp

Blank(2047045-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.003	%		11/19/20 11:36	11/20/20 03:46
delta 9-THC	< LOQ	0.009	%		11/19/20 11:36	11/20/20 03:46
THCV	< LOQ	0.005	%		11/19/20 11:36	11/20/20 03:46
THCVA	< LOQ	0.002	%		11/19/20 11:36	11/20/20 03:46
CBD	< LOQ	0.002	%		11/19/20 11:36	11/20/20 03:46
CBDA	< LOQ	0.002	%		11/19/20 11:36	11/20/20 03:46
CBDV	< LOQ	0.005	%		11/19/20 11:36	11/20/20 03:46
CBDVA	< LOQ	0.002	%		11/19/20 11:36	11/20/20 03:46
CBN	< LOQ	0.003	%		11/19/20 11:36	11/20/20 03:46
CBG	< LOQ	0.0008	%		11/19/20 11:36	11/20/20 03:46
CBGA	< LOQ	0.0008	%		11/19/20 11:36	11/20/20 03:46
CBC	< LOQ	0.009	%		11/19/20 11:36	11/20/20 03:46

Reference(2047045-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.8	0.0007	%	80-120	11/19/20 11:36	11/20/20 04:09
delta 9-THC	102	0.002	%	80-120	11/19/20 11:36	11/20/20 04:09
CBD	103	0.0004	%	80-120	11/19/20 11:36	11/20/20 04:09
CBDA	99.5	0.0005	%	80-120	11/19/20 11:36	11/20/20 04:09

### Pesticide Analysis

Batch: 2047030 - 203

Blank(2047030-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
DDVP (Dichlorvos)	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Acephate	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Acequinocyl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Acetamiprid	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Aldicarb	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Azoxystrobin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Bifenazate	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Bifenthrin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Boscalid	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Carbaryl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Carbofuran	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Chlorantraniliprole	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Chlorfenapyr	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Chlorpyrifos	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50



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### Quality Control Pesticide Analysis (Continued)

Batch: 2047030 - 203 (Continued)

Blank(2047030-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Cyfluthrin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Cypermethrin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Daminozide	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Diazinon	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Dimethoate	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Ethoprophos	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Etofenprox	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Etoxazole	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Fenoxycarb	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Fenpyroximate	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Fonicamid	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Fipronil	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Hexythiazox	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Fludioxonil	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Imazalil	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Imidacloprid	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Metalaxyl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Kresoxim-methyl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Methiocarb	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Malathion	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Methomyl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Myclobutanil	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Naled	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Methyl parathion	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Oxamyl	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
MGK-264	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Paclobutrazol	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Phosmet	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Piperonyl butoxide	< LOQ	0.1	ppm		11/18/20 13:20	11/19/20 11:50
Permethrins	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Prallethrin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Propiconazole	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 07:10
Propoxur	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Pyrethrins	< LOQ	0.1	ppm		11/18/20 13:20	11/19/20 11:50
Pyridaben	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Spinosad	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Spiromesifen	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50



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### Quality Control Pesticide Analysis (Continued)

Batch: 2047030 - 203 (Continued)

Blank(2047030-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Spiroxamine	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Tebuconazole	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Thiacloprid	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Thiamethoxam	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50
Trifloxystrobin	< LOQ	0.04	ppm		11/18/20 13:20	11/19/20 11:50

LCS(2047030-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	103	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
DDVP (Dichlorvos)	112	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Acephate	114	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Acequinocyl	98.8	0.04	ppm	52-97	11/18/20 13:20	11/19/20 12:13
Acetamiprid	100	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Aldicarb	115	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Azoxystrobin	111	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Bifenazate	107	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Bifenthrin	90.5	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Boscalid	109	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Carbaryl	103	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Carbofuran	107	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Chlorantraniliprole	36.5	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Chlorfenapyr	121	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Chlorpyrifos	103	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Clofentezine	92.5	0.04	ppm	14.4-62.3	11/18/20 13:20	11/19/20 12:13
Cyfluthrin	128	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Cypermethrin	117	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Daminozide	68.4	0.04	ppm	0-100	11/18/20 13:20	11/19/20 12:13
Diazinon	104	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Dimethoate	103	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Ethoprophos	107	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Etofenprox	101	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Etoxazole	104	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Fenoxycarb	102	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Fenpyroximate	105	0.04	ppm	50-100	11/18/20 13:20	11/19/20 12:13
Flonicamid	108	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Fipronil	103	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Hexythiazox	113	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Fludioxonil	85.4	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33



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### Quality Control Pesticide Analysis (Continued)

Batch: 2047030 - 203 (Continued)

LCS(2047030-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Imazalil	106	0.04	ppm	58-96.4	11/18/20 13:20	11/19/20 12:13
Imidacloprid	105	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Metalaxyl	107	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Kresoxim-methyl	108	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Methiocarb	108	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Malathion	112	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Methomyl	108	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Myclobutanil	113	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Naled	100	0.04	ppm	36-93	11/18/20 13:20	11/19/20 12:13
Methyl parathion	91.1	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Oxamyl	90.7	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
MGK-264	107	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Paclobutrazol	111	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Phosmet	104	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Piperonyl butoxide	108	0.1	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Permethrins	113	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Prallethrin	108	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Propiconazole	123	0.04	ppm	70-130	11/18/20 13:20	11/19/20 07:33
Propoxur	110	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Pyrethrins	63.4	0.1	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Pyridaben	105	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Spinosad	92.7	0.04	ppm	45-114	11/18/20 13:20	11/19/20 12:13
Spiromesifen	101	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Spirotetramat	101	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Spiroxamine	97.3	0.04	ppm	55-95	11/18/20 13:20	11/19/20 12:13
Tebuconazole	112	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Thiacloprid	102	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Thiamethoxam	105	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13
Trifloxystrobin	104	0.04	ppm	70-130	11/18/20 13:20	11/19/20 12:13

### Moisture Content

Batch: 2047039 - 103

Reference(2047039-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	105		%	80-120	11/19/20 14:29	11/19/20 14:29

Reference(2047039-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	94.7		%	80-120	11/19/20 14:29	11/19/20 14:29



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### Quality Control Terpene Analysis (Continued)

Batch: 2047045 - 215-Hemp

Blank(2047045-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Bisabolol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Camphene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Camphene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Camphor	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Camphor	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
3-Carene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
3-Carene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
beta-Caryophyllene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
beta-Caryophyllene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Caryophyllene Oxide	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Caryophyllene Oxide	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
alpha-Cedrene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Cedrene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Cedrol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Cedrol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Endo-fenchyl alcohol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Endo-fenchyl alcohol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Eucalyptol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Eucalyptol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Fenchone	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Fenchone	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Geraniol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Geraniol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Geranyl acetate	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Geranyl acetate	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Guaiol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Guaiol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Hexahydrothymol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Hexahydrothymol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
alpha-Humulene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Humulene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Isoborneol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Isoborneol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Isopulegol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Isopulegol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Limonene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Limonene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48



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### Quality Control Terpene Analysis (Continued)

Batch: 2047045 - 215-Hemp (Continued)

Blank(2047045-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Linalool	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Linalool	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
p-Mentha-1,5-diene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
p-Mentha-1,5-diene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
beta-Myrcene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
beta-Myrcene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
trans-Nerolidol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
trans-Nerolidol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Pinene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Pinene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
beta-Pinene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
beta-Pinene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Pulegone	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Pulegone	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Sabinene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Sabinene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Sabinene hydrate	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Sabinene hydrate	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
gamma-Terpinene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
gamma-Terpinene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
alpha-Terpinene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
alpha-Terpinene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Terpineol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Terpineol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Terpinolene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Terpinolene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Valencene	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Valencene	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
B Y-Terpineol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
B Y-Terpineol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Nerol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Nerol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
A-Terpineol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
A-Terpineol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
cis-Nerolidol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
cis-Nerolidol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Borneol	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Borneol	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48



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### Quality Control Terpene Analysis (Continued)

#### Batch: 2047045 - 215-Hemp (Continued)

Blank(2047045-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ocimene isomer II	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Ocimene isomer II	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48
Ocimene isomer I	< LOQ	0.001000	%		11/19/20 11:36	11/19/20 18:48
Ocimene isomer I	< LOQ	2.500E-4	%		11/19/20 11:36	11/19/20 18:48

Reference(2047045-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
beta-Caryophyllene	94.5	2.500E-4	%	70-130	11/19/20 11:36	11/19/20 19:07
beta-Caryophyllene	94.5	6.300E-5	%	70-130	11/19/20 11:36	11/19/20 19:07
alpha-Humulene	97.5	2.500E-4	%	70-130	11/19/20 11:36	11/19/20 19:07
alpha-Humulene	97.5	6.300E-5	%	70-130	11/19/20 11:36	11/19/20 19:07
beta-Myrcene	93.2	6.300E-5	%	70-130	11/19/20 11:36	11/19/20 19:07
beta-Myrcene	93.2	2.500E-4	%	70-130	11/19/20 11:36	11/19/20 19:07



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