



2019/280/2

Sample ID: G9J0199-01

Matrix: Industrial Hemp

Test ID: 1012595

Source ID:

Date Sampled: 10/07/19

Date Accepted: 10/07/19

Rogue River Organics

Potency Analysis

Date/Time Extracted: 10/11/19 15:46

Analysis Method/SOP: 215

Batch Identification: 1941092

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile												
Total THC	0.009080	0.1043	1.043	<table border="1"> <tr><td>THCA</td><td>0.1</td></tr> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBGA</td><td>17.7</td></tr> <tr><td>CBG</td><td>0.3</td></tr> <tr><td>CBC</td><td>0.1</td></tr> <tr><td>Total</td><td>18.1</td></tr> </table>	THCA	0.1	delta 9-THC	0.0	CBGA	17.7	CBG	0.3	CBC	0.1	Total	18.1
THCA	0.1															
delta 9-THC	0.0															
CBGA	17.7															
CBG	0.3															
CBC	0.1															
Total	18.1															
Total CBD	0.002075	< LOQ	< LOQ													
THCA	0.002920	0.09774	0.9774													
delta 9-THC	0.009080	0.01858	0.1858													
delta 8-THC	0.004490	< LOQ	< LOQ													
Exo-THC	0.004175	< LOQ	< LOQ													
THCV	0.005055	< LOQ	< LOQ													
THCVA	0.001885	< LOQ	< LOQ													
CBD	0.001555	< LOQ	< LOQ													
CBDA	0.002075	< LOQ	< LOQ													
CBDV	0.005000	< LOQ	< LOQ													
CBDVA	0.001640	< LOQ	< LOQ													
CBN	0.002990	< LOQ	< LOQ													
CBG	7.900E-4	0.2588	2.588													
CBGA	0.006478	17.69	176.9													
CBC	0.008965	0.07197	0.7197													

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

Total CBD = CBD + (CBDA * 0.877)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

Eric Wendt
Chief Science Officer - 10/14/2019



2019/280/2

Sample ID: G9J0199-01

Matrix: Industrial Hemp

Test ID: 1012595

Source ID:

Date Sampled: 10/07/19

Date Accepted: 10/07/19

Rogue River Organics

Terpene Analysis

Date/Time Extracted: 10/11/19 15:46

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	0.007133	0.07133
Linalool	0.01202	0.1202	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.02716	0.2716	Ocimene	< 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	0.1302	1.302	beta-Caryophyllene	0.09438	0.9438
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	0.1008	1.008
alpha-Humulene	0.02688	0.2688	trans-Nerolidol	0.02333	0.2333
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.1658	1.658
Total Terpenes	0.5877	5.877			

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

Eric Wendt
Chief Science Officer - 10/14/2019



2019/280/2

Sample ID: G9J0199-01

Matrix: Industrial Hemp

Test ID: 1012595

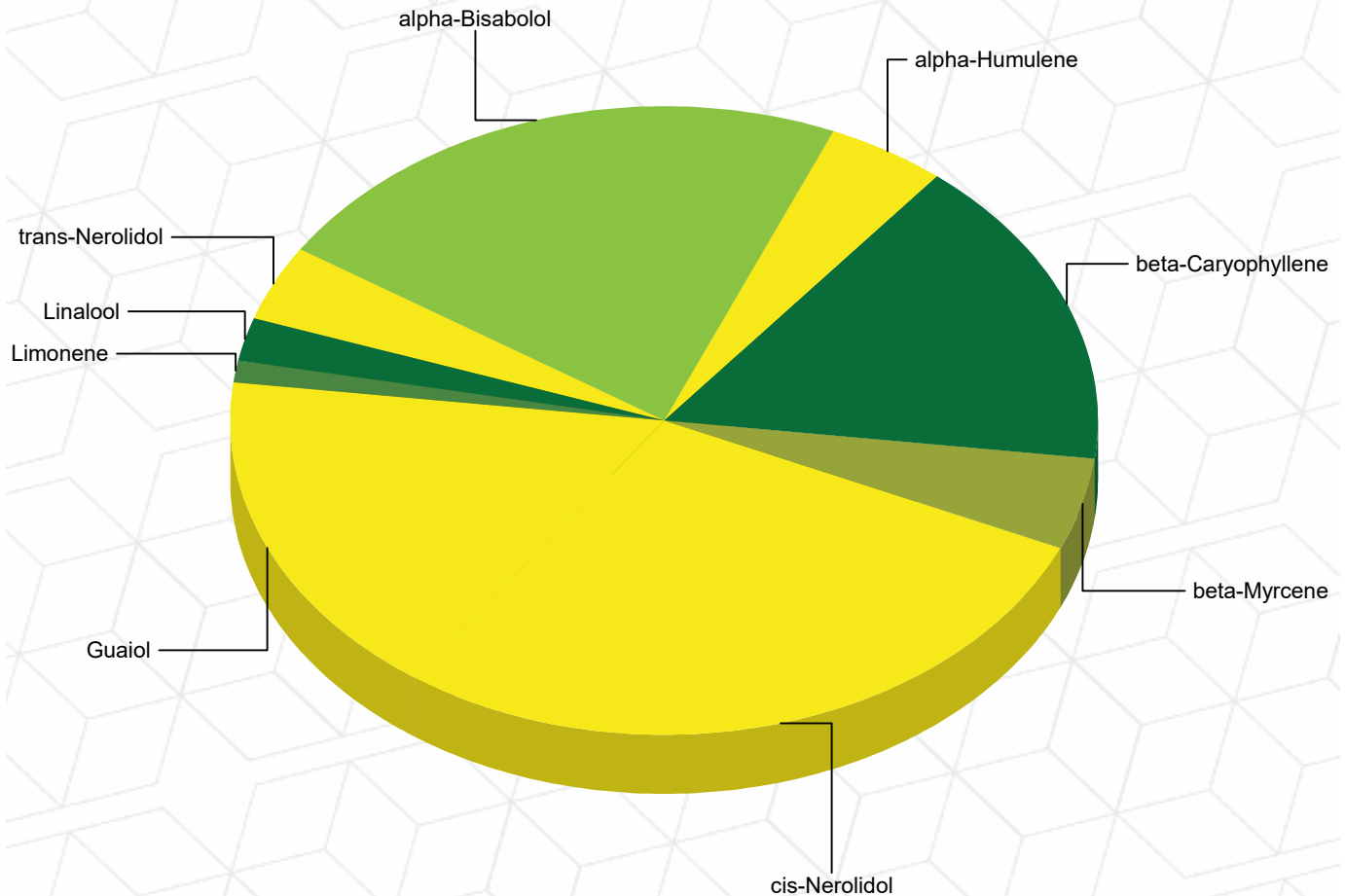
Source ID:

Date Sampled: 10/07/19

Date Accepted: 10/07/19

Rogue River Organics

Terpene Profile



Percentage of Total Terpenes Identified

Eric Wendt
Chief Science Officer - 10/14/2019



2019/280/2

Sample ID: G9J0199-01

Matrix: Industrial Hemp

Test ID: 1012595

Source ID:

Date Sampled: 10/07/19

Date Accepted: 10/07/19

Rogue River Organics

Pesticide Analysis in ppm

Date/Time Extracted: 10/11/19 12:00

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	Fonicamid	< 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**.

Eric Wendt
Chief Science Officer - 10/14/2019



Quality Control Potency

Batch: 1941092 - 215-Hemp

Blank(1941092-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.002920	%		10/11/19 15:46	10/12/19 18:34
delta 9-THC	< LOQ	0.009080	%		10/11/19 15:46	10/12/19 18:34
delta 8-THC	< LOQ	0.004490	%		10/11/19 15:46	10/12/19 18:34
Exo-THC	< LOQ	0.004175	%		10/11/19 15:46	10/12/19 18:34
THCV	< LOQ	0.005055	%		10/11/19 15:46	10/12/19 18:34
THCVA	< LOQ	0.001885	%		10/11/19 15:46	10/12/19 18:34
CBD	< LOQ	0.001555	%		10/11/19 15:46	10/12/19 18:34
CBDA	< LOQ	0.002075	%		10/11/19 15:46	10/12/19 18:34
CBDV	< LOQ	0.005000	%		10/11/19 15:46	10/12/19 18:34
CBDVA	< LOQ	0.001640	%		10/11/19 15:46	10/12/19 18:34
CBN	< LOQ	0.002990	%		10/11/19 15:46	10/12/19 18:34
CBG	< LOQ	7.900E-4	%		10/11/19 15:46	10/12/19 18:34
CBGA	< LOQ	7.900E-4	%		10/11/19 15:46	10/12/19 18:34
CBC	< LOQ	0.008965	%		10/11/19 15:46	10/12/19 18:34

Reference(1941092-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	91.3	0.002920	%	80-120	10/11/19 15:46	10/12/19 18:57
delta 9-THC	107	0.009080	%	80-120	10/11/19 15:46	10/12/19 18:57
CBD	106	0.001555	%	80-120	10/11/19 15:46	10/12/19 18:57
CBDA	92.3	0.002075	%	80-120	10/11/19 15:46	10/12/19 18:57

Pesticide Analysis

Batch: 1941083 - 203

Blank(1941083-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
DDVP (Dichlorvos)	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Acephate	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Acequinocyl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Acetamiprid	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Aldicarb	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Azoxystrobin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Bifenazate	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Bifenthrin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Boscalid	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Carbaryl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Carbofuran	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Chlorantraniliprole	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33

Eric Wendt
Chief Science Officer - 10/14/2019



Quality Control Pesticide Analysis (Continued)

Batch: 1941083 - 203 (Continued)

Blank(1941083-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Chlorpyrifos	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Clofentezine	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Cyfluthrin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Cypermethrin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Daminozide	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Diazinon	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Dimethoate	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Ethoprophos	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Etofenprox	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Etoxazole	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Fenoxycarb	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Fenpyroximate	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Fipronil	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Flonicamid	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Fludioxonil	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Hexythiazox	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Imazalil	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Imidacloprid	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Kresoxim-methyl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Malathion	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Metalaxyl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Methiocarb	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Methomyl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Methyl parathion	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
MGK-264	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Myclobutanil	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Naled	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Oxamyl	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Paclobutrazol	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Permethrins	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Phosmet	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Piperonyl butoxide	< LOQ	0.1	ppm		10/11/19 12:00	10/12/19 02:33
Prallethrin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Propiconazole	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:00
Propoxur	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Pyrethrins	< LOQ	0.1	ppm		10/11/19 12:00	10/12/19 02:33
Pyridaben	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33

Eric Wendt
Chief Science Officer - 10/14/2019



Quality Control Pesticide Analysis (Continued)

Batch: 1941083 - 203 (Continued)

Blank(1941083-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spinosad	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Spiromesifen	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Spirotetramat	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Spiroxamine	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Tebuconazole	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Thiacloprid	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Thiamethoxam	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33
Trifloxystrobin	< LOQ	0.04	ppm		10/11/19 12:00	10/12/19 02:33

LCS(1941083-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	62.1	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
DDVP (Dichlorvos)	98.2	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Acephate	101	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Acequinocyl	81.1	0.04	ppm	52-97	10/11/19 12:00	10/12/19 02:56
Acetamiprid	98.8	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Aldicarb	105	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Azoxystrobin	105	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Bifenazate	102	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Bifenthrin	93.5	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Boscalid	98.5	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Carbaryl	103	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Carbofuran	106	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Chlorantraniliprole	402	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Chlorfenapyr	108	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Chlorpyrifos	98.8	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Clofentezine	93.3	0.04	ppm	14.4-62.3	10/11/19 12:00	10/12/19 02:56
Cyfluthrin	96.7	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Cypermethrin	95.8	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Daminozide	6.23	0.04	ppm	0-100	10/11/19 12:00	10/12/19 02:56
Diazinon	105	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Dimethoate	108	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Ethoprophos	104	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Etofenprox	102	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Etoxazole	96.2	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Fenoxycarb	102	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Fenpyroximate	93.9	0.04	ppm	50-100	10/11/19 12:00	10/12/19 02:56
Fipronil	127	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Fonicamid	115	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56

Eric Wendt
Chief Science Officer - 10/14/2019



Quality Control Pesticide Analysis (Continued)

Batch: 1941083 - 203 (Continued)

LCS(1941083-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	98.5	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Hexythiazox	99.9	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Imazalil	76.4	0.04	ppm	58-96.4	10/11/19 12:00	10/12/19 02:56
Imidacloprid	104	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Kresoxim-methyl	96.9	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Malathion	104	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Metalaxyl	107	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Methiocarb	107	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Methomyl	108	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Methyl parathion	98.2	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
MGK-264	92.6	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Myclobutanil	102	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Naled	92.1	0.04	ppm	36-93	10/11/19 12:00	10/12/19 02:56
Oxamyl	105	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Paclobutrazol	102	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Permethrins	100	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Phosmet	107	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Piperonyl butoxide	98.5	0.1	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Prallethrin	108	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Propiconazole	90.2	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:23
Propoxur	104	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Pyrethrins	104	0.1	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Pyridaben	101	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Spinosad	67.3	0.04	ppm	45-114	10/11/19 12:00	10/12/19 02:56
Spiromesifen	97.3	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Spirotetramat	103	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Spiroxamine	62.9	0.04	ppm	55-95	10/11/19 12:00	10/12/19 02:56
Tebuconazole	97.2	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Thiacloprid	107	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Thiamethoxam	113	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56
Trifloxystrobin	103	0.04	ppm	70-130	10/11/19 12:00	10/12/19 02:56

Terpene Analysis

Batch: 1941092 - 215-Hemp

Blank(1941092-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Camphene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26

Eric Wendt
Chief Science Officer - 10/14/2019



Quality Control Terpene Analysis (Continued)

Batch: 1941092 - 215-Hemp (Continued)

Blank(1941092-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Camphor	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
3-Carene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Caryophyllene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Caryophyllene Oxide	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Cedrene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Cedrol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Endo-fenchyl alcohol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Eucalyptol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Fenchone	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Geraniol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Geranyl acetate	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Guaiol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Hexahydrothymol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Humulene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Isoborneol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Isopulegol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Limonene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Linalool	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
p-Mentha-1,5-diene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Myrcene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
trans-Nerolidol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Ocimene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Pinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Pinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Pulegone	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Sabinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Sabinene hydrate	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
gamma-Terpinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Terpinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Terpinolene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Valencene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
B Y-Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Nerol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
A-Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
cis-Nerolidol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Borneol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Ocimene isomer II	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26

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Chief Science Officer - 10/14/2019



**Quality Control
Terpene Analysis (Continued)**

Batch: 1941092 - 215-Hemp (Continued)

Blank(1941092-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ocimene isomer I	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26

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Chief Science Officer - 10/14/2019