



CBG Flower The White

Sample ID: G9L0200-01 Matrix: Industrial Hemp

Test ID: 1A40105000274E90000000053

Source ID: 1A40105000274E90000000052

Date Sampled: 12/09/19 Date Accepted: 12/09/19

Harvest/Prod. Date: 11/22/19

Rogue BioScience

Results at a Glance

Total THC : 0.1341 %

Total CBD : <LOQ (0.0022% dry) %

Pesticides : PASS

Water Activity : 0.44 PASS

Percent Moisture : 6.75 % PASS

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 12/17/2019



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Rogue BioScience

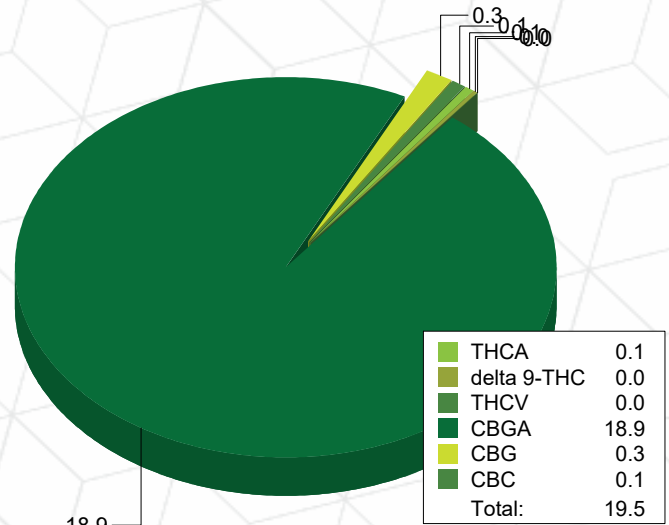
Potency Analysis

Date/Time Extracted: 12/11/19 12:59

Analysis Method/SOP: 215

Batch Identification: 1950047

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0097	0.1341	1.341	
Total CBD	0.0022	< LOQ	< LOQ	
THCA	0.0031	0.1160	1.16	
delta 9-THC	0.0097	0.0323	0.323	
delta 8-THC	0.0048	< LOQ	< LOQ	
Exo-THC	0.0045	< LOQ	< LOQ	
THCV	0.0054	0.0353	0.353	
THCVA	0.0020	< LOQ	< LOQ	
CBD	0.0017	< LOQ	< LOQ	
CBDA	0.0022	< LOQ	< LOQ	
CBDV	0.0054	< LOQ	< LOQ	
CBDVA	0.0018	< LOQ	< LOQ	
CBN	0.0032	< LOQ	< LOQ	
CBG	0.0008	0.3323	3.323	
CBGA	0.0034	18.89	188.9	
CBC	0.0096	0.1435	1.435	



Water Activity

Date/Time Extracted: 12/11/19 15:28

Analysis Method/SOP: 102

Water Activity: 0.44 at 24°C

Moisture

Date/Time Extracted: 12/11/19 15:25

Analysis Method/SOP: 103

Moisture: 6.75 %

Potency Results are reported on a dry weight basis.

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.

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Sample ID: G9L0200-01 Matrix: Industrial Hemp

Test ID: 1A40105000274E9000000053

Source ID: 1A40105000274E9000000052

Date Sampled: 12/09/19

Date Accepted: 12/09/19

Harvest/Prod. Date: 11/22/19

Rogue BioScience

Pesticide Analysis in ppm

Date/Time Extracted: 12/12/19 10:16

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.

Russell Kuhfeld
Quality Officer - 12/17/2019



Quality Control Potency

Batch: 1950047 - 215-Hemp

Blank(1950047-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0029	%		12/11/19 12:59	12/11/19 18:19
delta 9-THC	< LOQ	0.0091	%		12/11/19 12:59	12/11/19 18:19
delta 8-THC	< LOQ	0.0045	%		12/11/19 12:59	12/11/19 18:19
Exo-THC	< LOQ	0.0042	%		12/11/19 12:59	12/11/19 18:19
THCV	< LOQ	0.0051	%		12/11/19 12:59	12/11/19 18:19
THCVA	< LOQ	0.0019	%		12/11/19 12:59	12/11/19 18:19
CBD	< LOQ	0.0016	%		12/11/19 12:59	12/11/19 18:19
CBDA	< LOQ	0.0021	%		12/11/19 12:59	12/11/19 18:19
CBDV	< LOQ	0.0050	%		12/11/19 12:59	12/11/19 18:19
CBDVA	< LOQ	0.0016	%		12/11/19 12:59	12/11/19 18:19
CBN	< LOQ	0.0030	%		12/11/19 12:59	12/11/19 18:19
CBG	< LOQ	0.000790	%		12/11/19 12:59	12/11/19 18:19
CBGA	< LOQ	0.000790	%		12/11/19 12:59	12/11/19 18:19
CBC	< LOQ	0.0090	%		12/11/19 12:59	12/11/19 18:19

Reference(1950047-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	84.4	0.0029	%	80-120	12/11/19 12:59	12/11/19 18:42
delta 9-THC	94.8	0.0091	%	80-120	12/11/19 12:59	12/11/19 18:42
CBD	96.5	0.0016	%	80-120	12/11/19 12:59	12/11/19 18:42
CBDA	87.4	0.0021	%	80-120	12/11/19 12:59	12/11/19 18:42

Pesticide Analysis

Batch: 1950057 - 203

Blank(1950057-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
DDVP (Dichlorvos)	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Acephate	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Acequinocyl	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Acetamiprid	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Aldicarb	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Azoxystrobin	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Bifenazate	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Bifenthrin	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Boscalid	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Carbaryl	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Carbofuran	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Chlorantraniliprole	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12

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Quality Control Pesticide Analysis (Continued)

Batch: 1950057 - 203 (Continued)

Blank(1950057-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Chlorpyrifos	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Clofentezine	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Cyfluthrin	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Cypermethrin	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Daminozide	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Diazinon	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Dimethoate	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Ethoprophos	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Etofenprox	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Etoxazole	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Fenoxycarb	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Fenpyroximate	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Fipronil	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Flonicamid	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Fludioxonil	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Hexythiazox	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Imazalil	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Imidacloprid	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Kresoxim-methyl	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Malathion	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Metalaxyl	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Methiocarb	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Methomyl	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Methyl parathion	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
MGK-264	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Myclobutanil	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Naled	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Oxamyl	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Paclobutrazol	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Permethrins	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Phosmet	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Piperonyl butoxide	< LOQ	0.1	ppm		12/12/19 10:16	12/12/19 20:12
Prallethrin	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Propiconazole	< LOQ	0.04	ppm		12/12/19 10:16	12/13/19 01:40
Propoxur	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Pyrethrins	< LOQ	0.1	ppm		12/12/19 10:16	12/12/19 20:12
Pyridaben	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12

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Quality Control Pesticide Analysis (Continued)

Batch: 1950057 - 203 (Continued)

Blank(1950057-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spinosad	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Spiromesifen	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Spirotetramat	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Spiroxamine	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Tebuconazole	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Thiacloprid	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Thiamethoxam	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12
Trifloxystrobin	< LOQ	0.04	ppm		12/12/19 10:16	12/12/19 20:12

LCS(1950057-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	62.7	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
DDVP (Dichlorvos)	94.0	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Acephate	80.9	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Acequinocyl	65.9	0.04	ppm	52-97	12/12/19 10:16	12/12/19 20:36
Acetamiprid	95.9	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Aldicarb	110	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Azoxystrobin	98.6	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Bifenazate	94.4	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Bifenthrin	106	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Boscalid	89.0	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Carbaryl	99.1	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Carbofuran	101	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Chlorantraniliprole	122	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Chlorfenapyr	97.2	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Chlorpyrifos	85.4	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Clofentezine	57.7	0.04	ppm	14.4-62.3	12/12/19 10:16	12/12/19 20:36
Cyfluthrin	101	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Cypermethrin	93.8	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Daminozide	5.07	0.04	ppm	0-100	12/12/19 10:16	12/12/19 20:36
Diazinon	98.9	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Dimethoate	95.2	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Ethoprophos	98.3	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Etofenprox	99.9	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Etoxazole	92.5	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Fenoxycarb	102	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Fenpyroximate	87.2	0.04	ppm	50-100	12/12/19 10:16	12/12/19 20:36
Fipronil	114	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Fonicamid	101	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36

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Quality Control Pesticide Analysis (Continued)

Batch: 1950057 - 203 (Continued)

LCS(1950057-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	99.2	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Hexythiazox	102	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Imazalil	59.3	0.04	ppm	58-96.4	12/12/19 10:16	12/12/19 20:36
Imidacloprid	96.6	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Kresoxim-methyl	100	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Malathion	96.0	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Metalaxyl	98.8	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Methiocarb	111	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Methomyl	107	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Methyl parathion	89.2	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
MGK-264	96.0	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Myclobutanil	94.1	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Naled	85.1	0.04	ppm	36-93	12/12/19 10:16	12/12/19 20:36
Oxamyl	112	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Paclobutrazol	98.6	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Permethrins	53.1	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Phosmet	95.3	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Piperonyl butoxide	90.8	0.1	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Prallethrin	112	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Propiconazole	85.4	0.04	ppm	70-130	12/12/19 10:16	12/13/19 02:03
Propoxur	101	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Pyrethrins	51.0	0.1	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Pyridaben	102	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Spinosad	40.1	0.04	ppm	45-114	12/12/19 10:16	12/12/19 20:36
Spiromesifen	127	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Spirotetramat	98.2	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Spiroxamine	56.1	0.04	ppm	55-95	12/12/19 10:16	12/12/19 20:36
Tebuconazole	95.3	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Thiacloprid	109	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Thiamethoxam	107	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36
Trifloxystrobin	104	0.04	ppm	70-130	12/12/19 10:16	12/12/19 20:36

Moisture Content

Batch: 1950034 - 103

Reference(1950034-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	87.2		%	80-120	12/11/19 15:25	12/11/19 15:25

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**Quality Control
Moisture Content (Continued)**

Batch: 1950034 - 103 (Continued)

Reference(1950034-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	89.7		%	80-120	12/11/19 15:25	12/11/19 15:25

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