



Oregon Blueberry

Sample ID: G1A0387-01

Matrix: Industrial Hemp

Test ID: 5009873

Source ID:

Date Sampled: 01/22/21

Date Accepted: 01/22/21

Harvest/Prod. Date: 10/2/2020

C Oregon LLC

Results at a Glance

Total THC : 0.55 %

Total CBD : 13 %

Total CBG : 0.68 %

Pesticides : PASS

Water Activity : 0.44 PASS

Percent Moisture : 6.49 % PASS



Russell Kuhfeld

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Quality Officer - 1/28/2021

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C Oregon LLC

Potency Analysis

Date/Time Extracted: 01/26/21 14:52

Analysis Method/SOP: 215

Batch Identification: 2105023

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.55	5.5		
Total CBD	0.009	13	130		
Total CBG	0.0008	0.68	6.8		
THCA	0.003	0.59	5.9		
delta 9-THC	0.010	0.034	0.34		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.007	0.13	1.3		
CBDA	0.009	14	140		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	0.12	1.2		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0008	0.057	0.57		
CBGA	0.0008	0.71	7.1		
CBC	0.010	0.083	0.83		

Cannabinoid	Value
THCA	0.6
delta 9-THC	0.0
CBGA	0.7
CBDA	14.3
CBD	0.1
CBG	0.1
CBC	0.1
CBDVA	0.1
Total	16.0

Water Activity

Date/Time Extracted: 01/27/21 17:44

Analysis Method/SOP: 102

Water Activity: 0.44 at 24°C

Action Level: 0.65

Moisture

Date/Time Extracted: 01/26/21 17:18

Analysis Method/SOP: 103

Moisture: 6.49 %

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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Matrix: Industrial Hemp

Test ID: 5009873

Source ID:

Date Sampled: 01/22/21

Date Accepted: 01/22/21

Harvest/Prod. Date: 10/2/2020

C Oregon LLC

Pesticide Analysis in ppm

Date/Time Extracted: 01/26/21 12:06

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: 2105023 - 215-Hemp

Blank(2105023-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.001	%		01/26/21 14:52	01/26/21 23:40
delta 9-THC	< LOQ	0.005	%		01/26/21 14:52	01/26/21 23:40
THCV	< LOQ	0.003	%		01/26/21 14:52	01/26/21 23:40
THCVA	< LOQ	0.0009	%		01/26/21 14:52	01/26/21 23:40
CBD	< LOQ	0.0008	%		01/26/21 14:52	01/26/21 23:40
CBDA	< LOQ	0.001	%		01/26/21 14:52	01/26/21 23:40
CBDV	< LOQ	0.002	%		01/26/21 14:52	01/26/21 23:40
CBDVA	< LOQ	0.0008	%		01/26/21 14:52	01/26/21 23:40
CBN	< LOQ	0.001	%		01/26/21 14:52	01/26/21 23:40
CBG	< LOQ	0.0004	%		01/26/21 14:52	01/26/21 23:40
CBGA	< LOQ	0.0004	%		01/26/21 14:52	01/26/21 23:40
CBC	< LOQ	0.004	%		01/26/21 14:52	01/26/21 23:40

Reference(2105023-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.7	0.003	%	80-120	01/26/21 14:52	01/27/21 00:02
delta 9-THC	92.1	0.009	%	80-120	01/26/21 14:52	01/27/21 00:02
CBD	97.5	0.002	%	80-120	01/26/21 14:52	01/27/21 00:02
CBDA	96.5	0.002	%	80-120	01/26/21 14:52	01/27/21 00:02

Pesticide Analysis

Batch: 2105016 - 203

Blank(2105016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
DDVP (Dichlorvos)	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Acephate	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Acequinocyl	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Acetamiprid	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Aldicarb	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Azoxystrobin	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Bifenazate	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Bifenthrin	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Boscalid	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Carbaryl	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Carbofuran	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Chlorantraniliprole	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Chlorfenapyr	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Chlorpyrifos	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48



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Quality Control Pesticide Analysis (Continued)

Batch: 2105016 - 203 (Continued)

Blank(2105016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Cyfluthrin	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Cypermethrin	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Daminozide	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Diazinon	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Dimethoate	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Ethoprophos	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Etofenprox	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Etoxazole	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Fenoxycarb	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Fenpyroximate	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Fonicamid	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Fipronil	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Hexythiazox	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Fludioxonil	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Imazalil	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Imidacloprid	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Metalaxyl	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Kresoxim-methyl	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Methiocarb	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Malathion	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Methomyl	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Myclobutanil	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Naled	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Methyl parathion	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Oxamyl	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
MGK-264	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Paclobutrazol	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Phosmet	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Piperonyl butoxide	< LOQ	0.1	ppm		01/26/21 12:06	01/27/21 17:48
Permethrins	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Prallethrin	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Propiconazole	< LOQ	0.04	ppm		01/26/21 12:06	01/26/21 16:35
Propoxur	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Pyrethrins	< LOQ	0.1	ppm		01/26/21 12:06	01/27/21 17:48
Pyridaben	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Spinosad	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Spiromesifen	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48



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Quality Control Pesticide Analysis (Continued)

Batch: 2105016 - 203 (Continued)

Blank(2105016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Spiroxamine	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Tebuconazole	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Thiacloprid	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Thiamethoxam	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48
Trifloxystrobin	< LOQ	0.04	ppm		01/26/21 12:06	01/27/21 17:48

LCS(2105016-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	123	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
DDVP (Dichlorvos)	116	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Acephate	91.6	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Acequinocyl	140	0.04	ppm	52-97	01/26/21 12:06	01/27/21 17:48
Acetamiprid	99.7	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Aldicarb	122	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Azoxystrobin	113	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Bifenazate	110	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Bifenthrin	140	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Boscalid	83.6	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Carbaryl	110	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Carbofuran	106	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Chlorantraniliprole	99.6	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Chlorfenapyr	107	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Chlorpyrifos	101	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Clofentezine	123	0.04	ppm	14.4-62.3	01/26/21 12:06	01/27/21 17:48
Cyfluthrin	92.2	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Cypermethrin	95.3	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Daminozide	75.6	0.04	ppm	0-100	01/26/21 12:06	01/27/21 17:48
Diazinon	114	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Dimethoate	104	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Ethoprophos	103	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Etofenprox	124	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Etoxazole	105	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Fenoxycarb	108	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Fenpyroximate	91.7	0.04	ppm	50-100	01/26/21 12:06	01/27/21 17:48
Flonicamid	100	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Fipronil	89.8	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Hexythiazox	98.0	0.04	ppm	80-120	01/26/21 12:06	01/27/21 17:48
Fludioxonil	81.2	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58



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Quality Control Pesticide Analysis (Continued)

Batch: 2105016 - 203 (Continued)

LCS(2105016-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Imazalil	109	0.04	ppm	58-96.4	01/26/21 12:06	01/27/21 17:48
Imidacloprid	97.4	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Metalaxyl	105	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Kresoxim-methyl	96.3	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Methiocarb	102	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Malathion	87.5	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Methomyl	101	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Myclobutanil	101	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Naled	114	0.04	ppm	36-93	01/26/21 12:06	01/27/21 17:48
Methyl parathion	65.2	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Oxamyl	123	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
MGK-264	97.8	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Paclobutrazol	89.7	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Phosmet	110	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Piperonyl butoxide	101	0.1	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Permethrins	94.3	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Prallethrin	102	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Propiconazole	75.9	0.04	ppm	70-130	01/26/21 12:06	01/26/21 16:58
Propoxur	110	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Pyrethrins	57.1	0.1	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Pyridaben	116	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Spinosad	122	0.04	ppm	45-114	01/26/21 12:06	01/27/21 17:48
Spiromesifen	117	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Spirotetramat	112	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Spiroxamine	129	0.04	ppm	55-95	01/26/21 12:06	01/27/21 17:48
Tebuconazole	95.3	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Thiacloprid	109	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Thiamethoxam	106	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48
Trifloxystrobin	114	0.04	ppm	70-130	01/26/21 12:06	01/27/21 17:48

Moisture Content

Batch: 2105020 - 103

Reference(2105020-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	110		%	80-120	01/26/21 17:18	01/26/21 17:18

Reference(2105020-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	114		%	80-120	01/26/21 17:18	01/26/21 17:18



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