EVIO LABS

Certificate of Analysis

EVIO Labs Portland
14775 SW 74th Ave, Tigard, OR 97224
503-954-2562 / OLCC 010-10046111391 / www.EVIOLabs.com

Hulk

Whole Circle Farms

AG-R1040888IHH



Confident Cannabis ID: 2001ELP0051.0183
Sample ID: P200051-01
Matrix: Hemp
METRC Batch #:
Sampling Method/SOP: Client
Date Sampled: NA
Date Accepted: 01/15/20
Harvest/Process Lot ID:

Batch ID: TNR-2019-001
Batch Size (g):
Unit for Sale:
Harvest/Production Date:

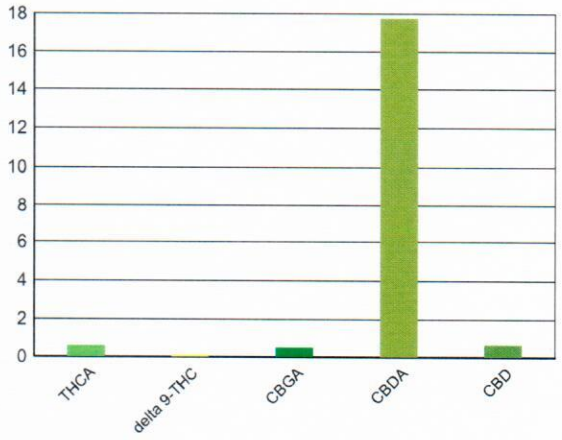
Cannabinoid Analysis

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Date/Time Extracted: 01/16/20 10:31
Date/Time Analyzed: 01/16/20 14:00
Analysis Method/SOP: SOP.T.40.023

Cannabinoids	LOQ(%)	mg/g	% weight
Total THC ((THCA*0.877)+Δ9THC)		**5.56**	**0.556**
Total CBD ((CBDA*0.877)+CBD)		**161.62**	**16.162**
THCA	0.0500	5.55	0.555
delta 9-THC	0.0500	0.69	0.0690
delta 8-THC	0.0500	< LOQ	< LOQ
THCV	0.0500	< LOQ	< LOQ
CBGA	0.0500	4.77	0.477
CBDA	0.0500	177.00	17.7
CBD	0.0500	6.39	0.639
CBDV	0.0500	< LOQ	< LOQ
CBN	0.0500	< LOQ	< LOQ
CBG	0.0500	< LOQ	< LOQ
CBC	0.0500	< LOQ	< LOQ
THCV-A	0.0500	< LOQ	< LOQ
CBDV-A	0.0500	0.99	0.0993
Sum of tested Cannabinoids	0.0500	196.00	19.6

Cannabinoid Profile



Moisture Content

Date/Time Analyzed: 01/16/20 11:37
Analysis Method/SOP: SOP.T.40.010

Moisture: 8.75 %

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%, Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.

Kawai Medeiros
Laboratory Manager - 1/17/2020

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Hulk

Info Only Project- Flower

Sample ID: P191090-01 **METRC Batch #:**

Matrix: Hemp

Date Sampled: 11/04/19 11:41
Date Accepted: 11/04/19
Batch ID:
Batch Size:
Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 11/07/19 15:14 *Date/Time Analyzed: 11/8/2019 10:00:00AM*

Analysis Method/SOP: SOP.T.40.051 PDX

Analyte	LOQ	Action Level	Result	Units	Type
Abamectin	0.200	0.5	< LOQ	ppm	
Acephate	0.200	0.4	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	1.00	2	< LOQ	ppm	
Acetamiprid	0.100	0.2	< LOQ	ppm	Neonicotinoid instecticide
Aldicarb	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Azoxystrobin	0.100	0.2	< LOQ	ppm	
Bifenazate	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.100	0.2	< LOQ	ppm	
Boscalid	0.200	0.4	< LOQ	ppm	Anilide fungicide
Carbaryl	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.100	0.2	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.400	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	0.2	< LOQ	ppm	
Cyfluthrin	0.400	1	< LOQ	ppm	
Cypermethrin	0.400	1	< LOQ	ppm	
Daminozide	0.400	1	< LOQ	ppm	
DDVP (Dichlorvos)	0.400	1	< LOQ	ppm	
Diazinon	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.100	0.2	< LOQ	ppm	
Ethoprophos	0.100	0.2	< LOQ	ppm	
Etofenprox	0.200	0.4	< LOQ	ppm	
Etoxazole	0.100	0.2	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.100	0.2	< LOQ	ppm	
Fenpyroximate	0.200	0.4	< LOQ	ppm	
Fipronil	0.200	0.4	< LOQ	ppm	Pyrazole insecticide
Flonicamid	0.400	1	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.200	0.4	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.400	1	< LOQ	ppm	
Imazalil	0.100	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insectide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.100	0.2	< LOQ	ppm	
Metalaxyl	0.100	0.2	< LOQ	ppm	
Methiocarb	0.100	0.2	< LOQ	ppm	Carbamate insecticide

Kawai Medeiros
Laboratory Manager - 11/21/2019

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Hulk

Info Only Project- Flower

Sample ID: P191090-01 **METRC Batch #:**

Matrix: Hemp

Date Sampled: 11/04/19 11:41

Date Accepted: 11/04/19

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 11/07/19 15:14 *Date/Time Analyzed: 11/8/2019 10:00:00AM*

Analysis Method/SOP: SOP.T.40.051 PDX

Analyte	LOQ	Action Level	Result	Units	Type
Methomyl	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Methyl parathion	0.100	0.2	< LOQ	ppm	
MGK-264	0.100	0.2	< LOQ	ppm	
Myclobutanil	0.100	0.2	< LOQ	ppm	Azole fungicide
Naled	0.200	0.5	< LOQ	ppm	
Oxamyl	0.400	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.100	0.2	< LOQ	ppm	
Phosmet	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	1.00	2	< LOQ	ppm	
Prallethrin	0.100	0.2	< LOQ	ppm	
Propiconazole	0.200	0.4	< LOQ	ppm	
Propoxur	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Pyrethrins	0.400	1	< LOQ	ppm	
Pyridaben	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Spinosad	0.100	0.2	< LOQ	ppm	Spinosyn insecticide
Spiromesifen	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.200	0.4	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.200	0.4	< LOQ	ppm	
Thiacloprid	0.100	0.2	< LOQ	ppm	
Thiamethoxam	0.100	0.2	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.100	0.2	< LOQ	ppm	Strobin fungicide

Results above the action level fail Oregon state testing requirements and will be highlighted RED.

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007.

Kawai Medeiros
Laboratory Manager - 11/21/2019

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Hulk

Sample ID: P191090-01
Matrix: Hemp

Date Sampled: 11/4/2019 11:41:00AM
Date Accepted: 11/4/2019 12:01:00PM

Microbial Impurities

Date Analyzed: 11/7/2019 11:29:00AM

Analysis Method/SOP: SOP.T.40.043

Analyte	Result
Aspergillus (flavus, fumigatus, niger, terreu	None Detected in 1g
Salmonella SPP	None Detected in 1g
Shiga toxin-producing E.coli	None Detected in 1g

NT = Not tested; Unless otherwise stated all quality control samples performed within specifcations established by the Laboratory.
Analytical Instrumentation: BIO-RAD QPCR CFX96. Analysis performed in conjunction with EVIO Labs Berkeley.

Kawai Medeiros
Laboratory Manager - 11/21/2019

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Quality Control

Batch: P19K013 - SOP.T.30.050PDX Prep for Cannabinoids

Blank(P19K013-BLK1) **Extracted:** 11/05/19 16:18 **Analyzed:** 11/06/19 11:00

Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.0500 (%)	< LOQ	delta 9-THC	< LOQ	0.0500 (%)	< LOQ
CBDA	< LOQ	0.0500 (%)	< LOQ	CBD	< LOQ	0.0500 (%)	< LOQ
CBDV-A	< LOQ	0.0500 (%)	< LOQ	CBDV	< LOQ	0.0500 (%)	< LOQ
CBG	< LOQ	0.0500 (%)	< LOQ	CBGA	< LOQ	0.0500 (%)	< LOQ
CBN	< LOQ	0.0500 (%)	< LOQ	CBC	< LOQ	0.0500 (%)	< LOQ
Sum of tested Cannabinoids	< LOQ	0.0500 (%)	< LOQ				

Batch: P19K017 - SOP.T.40.010 Moisture Content

Blank(P19K017-BLK1) **Extracted:** 11/05/19 12:00 **Analyzed:** 11/05/19 12:00

Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Percent Moisture	100	(%)	< LOQ				

Batch: P19K044 - SOP.T.30.060 Pesticide Prep

Blank(P19K044-BLK1) **Extracted:** 11/07/19 15:14 **Analyzed:** 11/08/19 10:00

Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Cyfluthrin	< LOQ	0.400 (ppm)	< LOQ	Cypermethrin	< LOQ	0.400 (ppm)	< LOQ
MGK-264	< LOQ	0.100 (ppm)	< LOQ	Chlorfenapyr	< LOQ	0.400 (ppm)	< LOQ
Methyl parathion	< LOQ	0.100 (ppm)	< LOQ	Acequinocyl	< LOQ	1.00 (ppm)	< LOQ
Bifenthrin	< LOQ	0.100 (ppm)	< LOQ	Acephate	< LOQ	0.200 (ppm)	< LOQ
Abamectin	< LOQ	0.200 (ppm)	< LOQ	Acetamiprid	< LOQ	0.100 (ppm)	< LOQ
Aldicarb	< LOQ	0.200 (ppm)	< LOQ	Azoxystrobin	< LOQ	0.100 (ppm)	< LOQ
Bifenazate	< LOQ	0.100 (ppm)	< LOQ	Boscalid	< LOQ	0.200 (ppm)	< LOQ
Carbaryl	< LOQ	0.100 (ppm)	< LOQ	Carbofuran	< LOQ	0.100 (ppm)	< LOQ
Chlorantraniliprole	< LOQ	0.100 (ppm)	< LOQ	Chlorpyrifos	< LOQ	0.100 (ppm)	< LOQ
Clofentezine	< LOQ	0.100 (ppm)	< LOQ	Daminozide	< LOQ	0.400 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.400 (ppm)	< LOQ	Diazinon	< LOQ	0.100 (ppm)	< LOQ
Dimethoate	< LOQ	0.100 (ppm)	< LOQ	Ethoprophos	< LOQ	0.100 (ppm)	< LOQ
Etofenprox	< LOQ	0.200 (ppm)	< LOQ	Etoxazole	< LOQ	0.100 (ppm)	< LOQ
Fenoxycarb	< LOQ	0.100 (ppm)	< LOQ	Fenpyroximate	< LOQ	0.200 (ppm)	< LOQ
Fipronil	< LOQ	0.200 (ppm)	< LOQ	Flonicamid	< LOQ	0.400 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ	Hexythiazox	< LOQ	0.400 (ppm)	< LOQ
Imazalil	< LOQ	0.100 (ppm)	< LOQ	Imidacloprid	< LOQ	0.200 (ppm)	< LOQ
Kresoxim-methyl	< LOQ	0.200 (ppm)	< LOQ	Malathion	< LOQ	0.100 (ppm)	< LOQ
Metalaxyl	< LOQ	0.100 (ppm)	< LOQ	Methiocarb	< LOQ	0.100 (ppm)	< LOQ
Methomyl	< LOQ	0.200 (ppm)	< LOQ	Myclobutanil	< LOQ	0.100 (ppm)	< LOQ
Naled	< LOQ	0.200 (ppm)	< LOQ	Oxamyl	< LOQ	0.400 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ	Permethrins	< LOQ	0.100 (ppm)	< LOQ

Kawai Medeiros
Laboratory Manager - 11/21/2019

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