

EVIO Labs Medford (pka Kenevir Research)
 540 East Vilas Road, Suite F, Central Point, OR 97502
 541-668-7444 / OLCC 010-1001626980D / www.EVIOLabs.com

78 Llamas
Horn Creek Hemp
 Info Only



Confident Cannabis ID: 2011KR0076.5983
Sample ID: M201860-02
Matrix: Hemp
METRC Batch #:
Sampling Method/SOP: Client
Date Sampled: NA
Date Accepted: 11/11/20
Harvest/Process Lot ID:

Batch ID:
Batch Size (g):
Unit for Sale:
Harvest/Production Date:

Cannabinoid Analysis

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Date/Time Extracted: 11/12/20 08:43
 Date/Time Analyzed: 11/13/20 00:09

Analysis Method/SOP: SOP.T.40.020

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
Total THC ((THCA*0.877)+Δ9THC)		6.38	0.638	
Total CBD ((CBDA*0.877)+CBD)		125.44	12.544	
THCA	0.0400	7.27	0.727	
delta 9-THC	0.0400	< LOQ	< LOQ	
delta 8-THC	0.0400	< LOQ	< LOQ	
THCV	0.0400	< LOQ	< LOQ	
CBGA	0.0400	7.22	0.722	
CBDA	0.0400	140.00	14.0	
CBD	0.0400	2.66	0.266	
CBDV	0.0400	< LOQ	< LOQ	
CBN	0.0400	< LOQ	< LOQ	
CBG	0.0400	0.42	0.0417	
CBC	0.0400	< LOQ	< LOQ	
THCV-A	0.0400	< LOQ	< LOQ	
CBDV-A	0.0400	0.79	0.0786	
CBCA	0.0400	6.86	0.686	
Sum of tested Cannabinoids	0.0400	165.00	16.5	

Moisture Content

Date/Time Analyzed: 11/12/20 00:00
 Analysis Method/SOP: SOP.T.40.010

Moisture: 10.3 %

"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.

Stephanie Moon
 Laboratory Director - 11/17/2020

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78 Llamas

Horn Creek Hemp

Info Only

Sample ID: M201860-02 METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 11/11/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Terpene Analysis

Date/Time Extracted: 11/16/20 13:13

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 11/17/20 12:19

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.200	8.36	0.836	beta-Pinene	0.200	2.65	0.265
Camphene	0.200	0.227	0.0227	Sabinene	0.200	< LOQ	< LOQ
Sabinene hydrate	0.200	< LOQ	< LOQ	beta-Myrcene	0.200	17.0	1.7
p-Mentha-1,5-diene	0.200	< LOQ	< LOQ	(+)-3-Carene	0.200	< LOQ	< LOQ
alpha-Terpinene	0.200	< LOQ	< LOQ	gamma-Terpinene	0.200	< LOQ	< LOQ
Limonene	0.200	2.21	0.221	Eucalyptol	0.200	< LOQ	< LOQ
Guaiol	0.200	< LOQ	< LOQ	Terpinolene	0.200	0.251	0.0251
Linalool	0.200	< LOQ	< LOQ	Camphor	0.200	< LOQ	< LOQ
(+)-Camphor	0.200	< LOQ	< LOQ	(-)-Camphor	0.200	< LOQ	< LOQ
Isopulegol	0.200	< LOQ	< LOQ	Isoborneol	0.200	< LOQ	< LOQ
Borneol	0.200	0.223	0.0223	Hexahydrothymol	0.200	< LOQ	< LOQ
Geraniol	0.200	< LOQ	< LOQ	(+)-Pulegone	0.200	< LOQ	< LOQ
Nerol	0.200	< LOQ	< LOQ	cis-Nerolidol	0.200	< LOQ	< LOQ
trans-Nerolidol	0.200	0.372	0.0372	Geranyl acetate	0.200	< LOQ	< LOQ
alpha-Cedrene	0.200	< LOQ	< LOQ	trans-Caryophyllene	0.200	2.23	0.223
Caryophyllene Oxide	0.200	0.345	0.0345	alpha-Humulene	0.200	0.835	0.0835
Valencene	0.200	< LOQ	< LOQ	alpha-Farnesene	0.200	< LOQ	< LOQ
beta-Farnesene	0.200	< LOQ	< LOQ	Cedrol	0.200	< LOQ	< LOQ
alpha-Bisabolol	0.200	< LOQ	< LOQ	Fenchone	0.200	< LOQ	< LOQ
Fenchyl Alcohol	0.200	0.264	0.0264	trans, beta- Ocimene	0.200	< LOQ	< LOQ
beta, cis- Ocimene	0.200	< LOQ	< LOQ	Terpineol	0.200	< LOQ	< LOQ
Total (Sum):						34.97	3.50

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited. Results reported as dry weight. LOQ = Limit of Quantitation. Terpene analysis performed in conjunction with EVIO Labs Portland.



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Quality Control

Batch: M20K067 - SOP.T.30.050 Prep for Cannabinoids

Blank(M20K067-BLK1)			Extracted: 11/12/20 08:43		Analyzed: 11/12/20 20:37		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.0400 (%)	< LOQ	delta 9-THC	< LOQ	0.0400 (%)	< LOQ
delta 8-THC	< LOQ	0.0400 (%)	< LOQ	THCV-A	< LOQ	0.0400 (%)	< LOQ
THCV	< LOQ	0.0400 (%)	< LOQ	CBDA	< LOQ	0.0400 (%)	< LOQ
CBD	< LOQ	0.0400 (%)	< LOQ	CBDV-A	< LOQ	0.0400 (%)	< LOQ
CBDV	< LOQ	0.0400 (%)	< LOQ	CBG	< LOQ	0.0400 (%)	< LOQ
CBGA	< LOQ	0.0400 (%)	< LOQ	CBN	< LOQ	0.0400 (%)	< LOQ
CBCA	< LOQ	0.0400 (%)	< LOQ	CBC	< LOQ	0.0400 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.0400 (%)	< LOQ				

LCS(M20K067-BS1)			Extracted: 11/12/20 08:43		Analyzed: 11/12/20 20:53		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
THCA	93.7	(%)	70-130	delta 9-THC	97.8	(%)	70-130
THCV	85.1	(%)	70-130	CBDA	96.4	(%)	70-130
CBD	97.2	(%)	70-130	CBG	97.2	(%)	70-130
CBGA	95.0	(%)	70-130	CBN	111	(%)	70-130
CBCA	99.0	(%)	70-130	CBC	98.4	(%)	70-130

Batch: M20K068 - SOP.T.40.010 Moisture Content

Blank(M20K068-BLK1)			Extracted: 11/12/20 00:00		Analyzed: 11/12/20 00:00		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Percent Moisture	100	(%)	< LOQ				

Batch: P20K084 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS

Blank(P20K084-BLK1)			Extracted: 11/16/20 13:13		Analyzed: 11/17/20 12:19		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
alpha-Pinene	< LOQ	0.200 (mg/g)	< LOQ	beta-Pinene	< LOQ	0.200 (mg/g)	< LOQ
Camphene	< LOQ	0.200 (mg/g)	< LOQ	Sabinene	< LOQ	0.200 (mg/g)	< LOQ
Sabinene hydrate	< LOQ	0.200 (mg/g)	< LOQ	beta-Myrcene	< LOQ	0.200 (mg/g)	< LOQ
p-Mentha-1,5-diene	< LOQ	0.200 (mg/g)	< LOQ	(+)-3-Carene	< LOQ	0.200 (mg/g)	< LOQ
alpha-Terpinene	< LOQ	0.200 (mg/g)	< LOQ	gamma-Terpinene	< LOQ	0.200 (mg/g)	< LOQ
Limonene	< LOQ	0.200 (mg/g)	< LOQ	Eucalyptol	< LOQ	0.200 (mg/g)	< LOQ
Guaiol	< LOQ	0.200 (mg/g)	< LOQ	Terpinolene	< LOQ	0.200 (mg/g)	< LOQ
Linalool	< LOQ	0.200 (mg/g)	< LOQ	Camphor	< LOQ	0.200 (mg/g)	< LOQ
(+)-Camphor	< LOQ	0.200 (mg/g)	< LOQ	(-)-Camphor	< LOQ	0.200 (mg/g)	< LOQ
Isopulegol	< LOQ	0.200 (mg/g)	< LOQ	Isoborneol	< LOQ	0.200 (mg/g)	< LOQ
Borneol	< LOQ	0.200 (mg/g)	< LOQ	Hexahydrothymol	< LOQ	0.200 (mg/g)	< LOQ
Geraniol	< LOQ	0.200 (mg/g)	< LOQ	(+)-Pulegone	< LOQ	0.200 (mg/g)	< LOQ
Nerol	< LOQ	0.200 (mg/g)	< LOQ				



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Quality Control

Batch: P20K084 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS (Continued)

Blank(P20K084-BLK1)			Extracted: 11/16/20 13:13		Analyzed: 11/17/20 12:19		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
cis-Nerolidol	< LOQ	0.200 (mg/g)	< LOQ	trans-Nerolidol	< LOQ	0.200 (mg/g)	< LOQ
Geranyl acetate	< LOQ	0.200 (mg/g)	< LOQ	alpha-Cedrene	< LOQ	0.200 (mg/g)	< LOQ
trans-Caryophyllene	< LOQ	0.200 (mg/g)	< LOQ	Caryophyllene Oxide	< LOQ	0.200 (mg/g)	< LOQ
alpha-Humulene	< LOQ	0.200 (mg/g)	< LOQ	Valencene	< LOQ	0.200 (mg/g)	< LOQ
alpha-Farnesene	< LOQ	0.200 (mg/g)	< LOQ	beta-Farnesene	< LOQ	0.200 (mg/g)	< LOQ
Cedrol	< LOQ	0.200 (mg/g)	< LOQ	alpha-Bisabolol	< LOQ	0.200 (mg/g)	< LOQ
Fenchone	< LOQ	0.200 (mg/g)	< LOQ	Fenchyl Alcohol	< LOQ	0.200 (mg/g)	< LOQ
trans, beta- Ocimene	< LOQ	0.200 (mg/g)	< LOQ	beta, cis- Ocimene	< LOQ	0.200 (mg/g)	< LOQ
Terpineol	< LOQ	0.200 (mg/g)	< LOQ				



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