

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

Apex CBD Livestock Pellets 4242019

Apex Hemp Oil

Info Only- Edibles/Infused Project



Confident Cannabis ID: 1904ELP0080.1171

Sample ID: P190268-10

Matrix: Cannabinoid Product (solid)

METRC Batch #:

Sampling Method/SOP: SOP.T.20.010

Date Sampled: 04/25/19 09:00

Date Accepted: 04/25/19

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: 04/26/19 17:31

Analysis Method/SOP: SOP.T.40.020

Date/Time Analyzed: 04/29/19 20:43

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
Total THC <small>((THCA*0.877)+Δ9THC)</small>		< LOQ	< LOQ	
Total CBD <small>((CBDA*0.877)+CBD)</small>		2.9	0.290	
THCA	0.0500	< LOQ	< LOQ	
delta 9-THC	0.0500	< LOQ	< LOQ	
delta 8-THC	0.0500	< LOQ	< LOQ	
CBGA	0.0500	< LOQ	< LOQ	
CBDA	0.0500	2.72	0.272	
CBD	0.0500	0.512	0.0512	
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	< LOQ	< LOQ	
CBL	0.0500	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.0500	3.39	0.339	

"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 - 5/2/2019

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Matrix: Cannabinoid Product

Date Sampled: 04/25/19 09:00

Date Accepted: 04/25/19

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Residual Solvents

Analyte	LOQ	Action Level	Result	Units
Butanes	250	5000 ³	< LOQ	ppm
n-Butane	250	5000	< LOQ	ppm
iso-Butane	250	5000	< LOQ	ppm
Hexanes	174	290 ⁴	< LOQ	ppm
n-Hexane	174	290	< LOQ	ppm
2-Methylpentane	174	290	< LOQ	ppm
3-Methylpentane	174	290	< LOQ	ppm
2,2-Dimethylbutane	174	290	< LOQ	ppm
2,3-Dimethylbutane	174	290	< LOQ	ppm
Pentanes	1400	5000 ⁵	< LOQ	ppm
n-Pentane	1400	5000	< LOQ	ppm
iso-Pentane	1400	5000	< LOQ	ppm
Neopentane	250	5000	< LOQ	ppm
Xylenes	1302	2170	< LOQ	ppm
1,2-Dimethylbenzene	1302	2170	< LOQ	ppm
1,3-Dimethylbenzene	1302	2170	< LOQ	ppm
1,4-Dimethylbenzene	1302	2170	< LOQ	ppm
Xylenes MP	1302	2170	< LOQ	ppm
Ethyl benzene	1302	NA	< LOQ	ppm
2-Propanol (IPA)	1400	5000	< LOQ	ppm
Acetone	1400	5000	< LOQ	ppm
Acetonitrile	246	410	< LOQ	ppm
Benzene	1.2	2	< LOQ	ppm
Methanol	1000	3000	< LOQ	ppm
Propane	250	5000	< LOQ	ppm
Toluene	534	890	< LOQ	ppm
Dichloromethane	360	600	< LOQ	ppm
1,4-Dioxane	228	380	< LOQ	ppm
2-Butanol	1400	5000	< LOQ	ppm
2-Ethoxyethanol	96	160	< LOQ	ppm
Cumene	42	70	< LOQ	ppm
Cyclohexane	2278	3880	< LOQ	ppm
Ethyl acetate	1400	5000	< LOQ	ppm
Ethyl ether	1400	5000	< LOQ	ppm
Ethylene glycol	372	620	< LOQ	ppm
Ethylene oxide	30	50	< LOQ	ppm
Heptane	1400	5000	< LOQ	ppm
Isopropyl acetate	1400	5000	< LOQ	ppm
Tetrahydrofuran	432	720	< LOQ	ppm
Ethanol	1400	NA ⁷	< LOQ	ppm

Date/Time Extracted: 04/25/19 09:44

Date/Time Analyzed: 04/26/19 05:53

Analysis Method/SOP: SOP.T.40.031

3 - Total butanes are calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

4 - Total hexanes are calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)

5 - Total pentanes are calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

6 - Total xylenes are calculated as 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1-4-dimethylbenzene (CAS# 106-42-3)

7 - Ethanol is not regulated under OAR-333-007-0410.

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.



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Quality Control

Batch: P19D104 - SOP.T.30.050PDX Prep for Cannabinoids

Blank(P19D104-BLK1)			Extracted: 04/26/19 17:31		Analyzed: 04/29/19 20:43		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.0500 (%)	< LOQ	delta 9-THC	< LOQ	0.0500 (%)	< LOQ
delta 8-THC	< LOQ	0.0500 (%)	< LOQ	CBDA	< LOQ	0.0500 (%)	< LOQ
CBD	< LOQ	0.0500 (%)	< LOQ	CBG	< LOQ	0.0500 (%)	< LOQ
CBN	< LOQ	0.0500 (%)	< LOQ	CBC	< LOQ	0.0500 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.0500 (%)	< LOQ				



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