

EVIO Labs Bend
 62930 OB Riley Rd, Suite 300, Bend, OR 97703
 541-382-2760 / OLCC 010-10012439773 / www.EVIOLabs.com

110218.8 SUVER HAZE

Apex Hemp Oil

INFO ONLY

Confident Cannabis ID: 1811CAN0002.1126

Sample ID: B180342-02

Matrix: Ingestible

METRC Batch #: n/a

Sampling Method/SOP: SOP.T.20.010

Date Sampled: 11/02/18 09:00

Date Accepted: 11/02/18

Results Valid Until: 11/02/19

Harvest/Process Lot ID: n/a

Batch ID: n/a

Batch Size: n/a

Unit for Sale: n/a

Harvest/Production Date: n/a

Cannabinoid Analysis

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Date/Time Extracted: 11/08/18 15:57

Analysis Method/SOP: SOP.T.40.020

Date/Time Analyzed: 11/09/18 12:07

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoids Profile
Total THC <small>((THCA*0.877)+Δ9THC)</small>		1.474	0.1474	<p>The bar chart displays the relative concentrations of various cannabinoids. The y-axis ranges from -0.5 to 4.5. The x-axis lists cannabinoids: THCA, delta 9-THC, CBGA, CBDA, and CBD. CBDA has the highest concentration, followed by THCA, CBD, and CBGA. delta 9-THC is near the detection limit.</p>
Total CBD <small>((CBDA*0.877)+CBD)</small>		38.54	3.854	
THCA	0.0050	1.681	0.1681	
delta 9-THC	0.0050	< LOQ	< LOQ	
delta 8-THC	0.0050	< LOQ	< LOQ	
CBGA	0.0050	1.726	0.1726	
CBDA	0.0050	43.04	4.304	
CBD	0.0050	0.795	0.0795	
CBDV	0.0050	< LOQ	< LOQ	
CBN	0.0050	< LOQ	< LOQ	
CBG	0.0050	< LOQ	< LOQ	
CBC	0.0050	< LOQ	< LOQ	
THCV-A	0.0050	< LOQ	< LOQ	
CBDV-A	0.0050	0.167	0.0167	
CBL	0.0050	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.0050	47.41	4.741	

"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; Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation. Cannabinoid analysis performed in conjunction with EVIO Labs Portland.

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 Laboratory Director - 11/9/2018

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Batch ID: n/a

Batch Size: n/a

Sampling Method/SOP: SOP.T.20.010

Terpene Analysis

Date/Time Extracted: 11/08/18 17:00

Analysis Method/SOP: SOP.T.40.090

Date/Time Analyzed: 11/08/18 21:59

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.001	0.134	0.0134	beta-Pinene	0.001	0.099	0.0099
Camphene	0.001	0.032	0.0032	Sabinene	0.001	< LOQ	< LOQ
Sabinene hydrate	0.001	< LOQ	< LOQ	beta-Myrcene	0.001	0.905	0.0905
p-Mentha-1,5-diene	0.001	< LOQ	< LOQ	(+)-3-Carene	0.001	< LOQ	< LOQ
alpha-Terpinene	0.001	< LOQ	< LOQ	gamma-Terpinene	0.001	0.037	0.0037
Limonene	0.001	0.173	0.0173	Eucalyptol	0.001	< LOQ	< LOQ
Guaiol	0.001	0.319	0.0319	Terpinolene	0.001	< LOQ	< LOQ
Linalool	0.001	0.190	0.019	Camphor	0.001	< LOQ	< LOQ
(+)-Camphor	0.001	< LOQ	< LOQ	(-)-Camphor	0.001	0.041	0.0041
Isopulegol	0.001	< LOQ	< LOQ	(+)-Borneol	0.001	0.061	0.0061
(-)-Borneol	0.001	0.080	0.008	Hexahydrothymol	0.001	< LOQ	< LOQ
Geraniol	0.001	0.170	0.017	(+)-Pulegone	0.001	< LOQ	< LOQ
Nerol	0.001	< LOQ	< LOQ	cis-Nerolidol	0.001	< LOQ	< LOQ
trans-Nerolidol	0.001	< LOQ	< LOQ	Geranyl acetate	0.001	< LOQ	< LOQ
alpha-Cedrene	0.001	< LOQ	< LOQ	trans-Caryophyllene	0.001	1.13	0.113
beta-Caryophyllene	0.001	0.210	0.021	alpha-Humulene	0.001	0.062	0.0062
Valencene	0.001	< LOQ	< LOQ	alpha-Farnesene	0.001	0.670	0.067
beta-Farnesene	0.001	0.307	0.0307	Cedrol	0.001	< LOQ	< LOQ
alpha-Bisabolol	0.001	0.405	0.0405	Fenchone	0.001	0.037	0.0037
Fenchyl Alcohol	0.001	0.075	0.0075	trans, beta- Ocimene	0.001	0.115	0.0115
beta, cis- Ocimene	0.001	0.258	0.0258	Terpineol	0.001	0.114	0.0114
Total (Sum):						5.62	0.56

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



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Results Valid Until: 11/02/19

Batch ID: n/a

Batch Size: n/a

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 11/08/18 11:40

Date/Time Analyzed: 11/8/2018 10:58:20PM

Analysis Method/SOP: SOP.T.30.060

Analyte	LOQ	Action Level	Result	Units	Type
Abamectin	0.250	0.5	< LOQ	ppm	
Acephate	0.200	0.4	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	1.00	2	< LOQ	ppm	
Acetamiprid	0.200	0.2	< LOQ	ppm	Neonicotinoid insecticide
Aldicarb	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Azoxystrobin	0.200	0.2	< LOQ	ppm	
Bifenazate	0.200	0.2	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.200	0.2	< LOQ	ppm	
Boscalid	0.200	0.4	< LOQ	ppm	Anilide fungicide
Carbaryl	0.200	0.2	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.200	0.2	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.200	0.2	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.500	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.200	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.200	0.2	< LOQ	ppm	
Cyfluthrin	0.500	1	< LOQ	ppm	
Cypermethrin	0.500	1	< LOQ	ppm	
Daminozide	0.500	1	< LOQ	ppm	
DDVP (Dichlorvos)	0.500	1	< LOQ	ppm	
Diazinon	0.200	0.2	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.200	0.2	< LOQ	ppm	
Ethoprophos	0.200	0.2	< LOQ	ppm	
Etofenprox	0.200	0.4	< LOQ	ppm	
Etoxazole	0.200	0.2	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.200	0.2	< LOQ	ppm	
Fenproximate	0.200	0.4	< LOQ	ppm	
Fipronil	0.200	0.4	< LOQ	ppm	Pyrazole insecticide
Fonicamid	0.500	1	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.200	0.4	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.500	1	< LOQ	ppm	
Imazalil	0.200	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.200	0.2	< LOQ	ppm	
Metalaxyl	0.200	0.2	< LOQ	ppm	
Methiocarb	0.200	0.2	< LOQ	ppm	Carbamate insecticide



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Batch Size: n/a

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Pesticides

Date/Time Extracted: 11/08/18 11:40

Date/Time Analyzed: 11/8/2018 10:58:20PM

Analysis Method/SOP: SOP.T.30.060

Analyte	LOQ	Action Level	Result	Units	Type
Methomyl	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Methyl parathion	0.200	0.2	< LOQ	ppm	
MGK-264	0.200	0.2	< LOQ	ppm	
Myclobutanil	0.200	0.2	< LOQ	ppm	Azole fungicide
Naled	0.250	0.5	< LOQ	ppm	
Oxamyl	0.500	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.200	0.2	< LOQ	ppm	
Phosmet	0.200	0.2	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	1.00	2	< LOQ	ppm	
Prallethrin	0.200	0.2	< LOQ	ppm	
Propiconazole	0.200	0.4	< LOQ	ppm	
Propoxur	0.200	0.2	< LOQ	ppm	Carbamate insecticide
Pyrethrins	0.500	1	< LOQ	ppm	
Pyridaben	0.200	0.2	< LOQ	ppm	Unclassified insecticide
Spinosad	0.200	0.2	< LOQ	ppm	Spinosyn insecticide
Spiromesifen	0.200	0.2	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.200	0.2	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.200	0.4	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.200	0.4	< LOQ	ppm	
Thiacloprid	0.200	0.2	< LOQ	ppm	
Thiamethoxam	0.200	0.2	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.200	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.

Pesticide testing performed in conjunction with EVIO Labs Medford, an ORELAP and ISO 17025 accredited laboratory.

PASS/FAIL status based on OAR 333-007.



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Quality Control

Batch: M18K037 - SOP.T.30.061 Pesticide Prep

Blank(M18K037-BLK1)			Extracted: 11/08/18 11:40		Analyzed: 11/08/18 16:17		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Cyfluthrin	< LOQ	0.500 (ppm)	< LOQ	Cypermethrin	< LOQ	0.500 (ppm)	< LOQ
MGK-264	< LOQ	0.200 (ppm)	< LOQ	Chlorfenapyr	< LOQ	0.500 (ppm)	< LOQ
Methyl parathion	< LOQ	0.200 (ppm)	< LOQ	Acequinocyl	< LOQ	1.00 (ppm)	< LOQ
Bifenthrin	< LOQ	0.200 (ppm)	< LOQ	Acephate	< LOQ	0.200 (ppm)	< LOQ
Abamectin	< LOQ	0.250 (ppm)	< LOQ	Acetamiprid	< LOQ	0.200 (ppm)	< LOQ
Aldicarb	< LOQ	0.200 (ppm)	< LOQ	Azoxystrobin	< LOQ	0.200 (ppm)	< LOQ
Bifenazate	< LOQ	0.200 (ppm)	< LOQ	Boscalid	< LOQ	0.200 (ppm)	< LOQ
Carbaryl	< LOQ	0.200 (ppm)	< LOQ	Carbofuran	< LOQ	0.200 (ppm)	< LOQ
Chlorantraniliprole	< LOQ	0.200 (ppm)	< LOQ	Chlorpyrifos	< LOQ	0.200 (ppm)	< LOQ
Clofentezine	< LOQ	0.200 (ppm)	< LOQ	Daminozide	< LOQ	0.500 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.500 (ppm)	< LOQ	Diazinon	< LOQ	0.200 (ppm)	< LOQ
Dimethoate	< LOQ	0.200 (ppm)	< LOQ	Ethoprophos	< LOQ	0.200 (ppm)	< LOQ
Etofenprox	< LOQ	0.200 (ppm)	< LOQ	Etoxazole	< LOQ	0.200 (ppm)	< LOQ
Fenoxycarb	< LOQ	0.200 (ppm)	< LOQ	Fenpyroximate	< LOQ	0.200 (ppm)	< LOQ
Fipronil	< LOQ	0.200 (ppm)	< LOQ	Flonicamid	< LOQ	0.500 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ	Hexythiazox	< LOQ	0.500 (ppm)	< LOQ
Imazalil	< LOQ	0.200 (ppm)	< LOQ	Imidacloprid	< LOQ	0.200 (ppm)	< LOQ
Kresoxim-methyl	< LOQ	0.200 (ppm)	< LOQ	Malathion	< LOQ	0.200 (ppm)	< LOQ
Metalaxyl	< LOQ	0.200 (ppm)	< LOQ	Methiocarb	< LOQ	0.200 (ppm)	< LOQ
Methomyl	< LOQ	0.200 (ppm)	< LOQ	Myclobutanil	< LOQ	0.200 (ppm)	< LOQ
Naled	< LOQ	0.250 (ppm)	< LOQ	Oxamyl	< LOQ	0.500 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ	Permethrins	< LOQ	0.200 (ppm)	< LOQ
Phosmet	< LOQ	0.200 (ppm)	< LOQ	Piperonyl butoxide	< LOQ	1.00 (ppm)	< LOQ
Prallethrin	< LOQ	0.200 (ppm)	< LOQ	Propiconazole	< LOQ	0.200 (ppm)	< LOQ
Propoxur	< LOQ	0.200 (ppm)	< LOQ	Pyrethrins	< LOQ	0.500 (ppm)	< LOQ
Pyridaben	< LOQ	0.200 (ppm)	< LOQ	Spinosad	< LOQ	0.200 (ppm)	< LOQ
Spiromesifen	< LOQ	0.200 (ppm)	< LOQ	Spirotetramat	< LOQ	0.200 (ppm)	< LOQ
Spiroxamine	< LOQ	0.200 (ppm)	< LOQ	Tebuconazole	< LOQ	0.200 (ppm)	< LOQ
Thiacloprid	< LOQ	0.200 (ppm)	< LOQ	Thiamethoxam	< LOQ	0.200 (ppm)	< LOQ
Trifloxystrobin	< LOQ	0.200 (ppm)	< LOQ				

Batch: P18K027 - SOP.T.30.050 Prep for Cannabinoids

Blank(P18K027-BLK1)			Extracted: 11/08/18 15:57		Analyzed: 11/09/18 12:07		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.0050 (%)	< LOQ	delta 9-THC	< LOQ	0.0050 (%)	< LOQ
delta 8-THC	< LOQ	0.0050 (%)	< LOQ	THCV-A	< LOQ	0.0050 (%)	< LOQ
CBDA	< LOQ	0.0050 (%)	< LOQ	CBD	< LOQ	0.0050 (%)	< LOQ



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Quality Control

Batch: P18K027 - SOP.T.30.050 Prep for Cannabinoids (Continued)

Blank(P18K027-BLK1)				Extracted: 11/08/18 15:57		Analyzed: 11/09/18 12:07	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
CBDV	< LOQ	0.0050 (%)	< LOQ	CBDV-A	< LOQ	0.0050 (%)	< LOQ
CBG	< LOQ	0.0050 (%)	< LOQ	CBGA	< LOQ	0.0050 (%)	< LOQ
CBN	< LOQ	0.0050 (%)	< LOQ	CBC	< LOQ	0.0050 (%)	< LOQ
CBL	< LOQ	0.0050 (%)	< LOQ	Sum of tested Cannabinoid:	< LOQ	0.0050 (%)	< LOQ

LCS(P18K027-BS1)				Extracted: 11/08/18 15:57		Analyzed: 11/09/18 12:07	
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
THCA	90.8	0.0050 (%)	70-130	delta 9-THC	94.6	0.0050 (%)	70-130
CBDA	96.1	0.0050 (%)	70-130	CBD	94.9	0.0050 (%)	70-130



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