

EVIO Labs Portland  
 5100 SE Harney St, #117, Portland, OR 97206  
 503-405-1077 / OLCC 010-10046111391 / www.EVIOLabs.com

## Apex Hawaiian Chocolate

Apex Hemp Oil  
 INFO ONLY



Confident Cannabis ID: 1811GHA0080.2354

Sample ID: P180457-01

Matrix: Cannabinoid Product (solid)

METRC Batch #:

Sampling Method/SOP: SOP.T.20.010

Date Sampled: 11/30/18 09:00

Date Accepted: 11/30/18

Results Valid Until: 11/30/19

Harvest/Process Lot ID:

Batch ID:

Batch Size:

Unit for Sale: 1 chocolate bar

Harvest/Production Date:

### Cannabinoid Analysis

**FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES**

Date/Time Extracted: 12/03/18 10:52

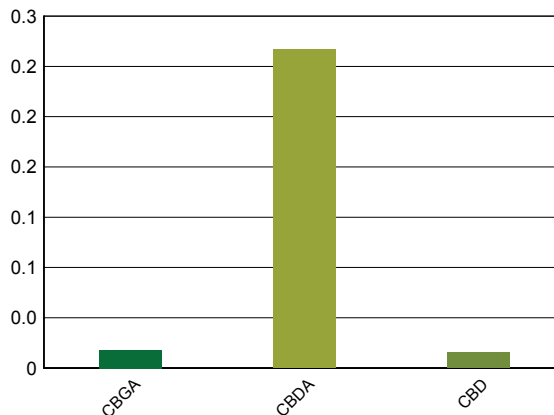
Analysis Method/SOP: SOP.T.40.020

Date/Time Analyzed: 12/04/18 00:58

Sample mass: 56g /

Cannabinoids	LOQ(%)	mg/g	mg/unit	Cannabinoids Profile
<b>Total THC</b> <small>((THCA*0.877)+Δ9THC)</small>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	
<b>Total CBD</b> <small>((CBDA*0.877)+CBD)</small>	<b>2.348</b>	<b>131</b>		

THCA	0.0050	< LOQ	< LOQ
delta 9-THC	0.0050	< LOQ	< LOQ
delta 8-THC	0.0050	< LOQ	< LOQ
CBGA	0.0050	0.143	8.01
CBDA	0.0050	2.533	142
CBD	0.0050	0.127	7.11
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	< LOQ	< LOQ
CBL	0.0050	< LOQ	< LOQ
Sum of tested Cannabinoids	0.0050	2.803	157



"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.

Annabeth Rose  
 Laboratory Director - 12/7/2018

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## Apex Hawaiian Chocolate

Apex Hemp Oil

INFO ONLY

Sample ID: P180457-01 METRC Batch #:

Matrix: Cannabinoid Product

Date Sampled: 11/30/18 09:00

Date Accepted: 11/30/18

Results Valid Until: 11/30/19

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

### Terpene Analysis

Date/Time Extracted: 11/27/18 10:14

Analysis Method/SOP: SOP.T.40.090

Date/Time Analyzed: 12/04/18 03:15

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.200	< LOQ	< LOQ	beta-Pinene	0.200	< LOQ	< LOQ
Camphene	0.200	< LOQ	< LOQ	Sabinene	0.200	< LOQ	< LOQ
Sabinene hydrate	0.200	< LOQ	< LOQ	beta-Myrcene	0.200	< LOQ	< LOQ
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	< LOQ	< LOQ	Eucalyptol	0.200	< LOQ	< LOQ
Guaiol	0.200	< LOQ	< LOQ	Terpinolene	0.200	< LOQ	< LOQ
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	(+)-Borneol	0.200	< LOQ	< LOQ
(-)-Borneol	0.200	< LOQ	< LOQ	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	< LOQ	< LOQ	Geranyl acetate	0.200	< LOQ	< LOQ
alpha-Cedrene	0.200	< LOQ	< LOQ	trans-Caryophyllene	0.200	< LOQ	< LOQ
beta-Caryophyllene	0.200	< LOQ	< LOQ	alpha-Humulene	0.200	< LOQ	< LOQ
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	< LOQ	< LOQ	trans, beta- Ocimene	0.200	< LOQ	< LOQ
beta, cis- Ocimene	0.200	< LOQ	< LOQ	Terpineol	0.200	< LOQ	< LOQ

Total (Sum):

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited.  
 Results reported as wet weight, or as is. LOQ = Limit of Quantitation



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## Apex Hawaiian Chocolate

**Apex Hemp Oil**

**INFO ONLY**

**Sample ID: P180457-01**

**METRC Batch #:**

**Matrix: Cannabinoid Product**

**Date Sampled: 11/30/18 09:00**

**Date Accepted: 11/30/18**

**Results Valid Until: 11/30/19**

**Batch ID:**

**Batch Size:**

**Sampling Method/SOP: SOP.T.20.010**

### Pesticides

*Date/Time Extracted: 12/04/18 15:34*

*Date/Time Analyzed: 12/4/2018 8:27:59PM*

*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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Matrix: Cannabinoid Product

Date Sampled: 11/30/18 09:00

Date Accepted: 11/30/18

Results Valid Until: 11/30/19

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

### Pesticides

Date/Time Extracted: 12/04/18 15:34

Date/Time Analyzed: 12/4/2018 8:27:59PM

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: M18L013 - SOP.T.30.061 Pesticide Prep**

Blank(M18L013-BLK1)			Extracted: 12/04/18 15:34		Analyzed: 12/05/18 10:52		
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: P18L002 - SOP.T.30.050 Prep for Cannabinoids**

Blank(P18L002-BLK1)			Extracted: 12/03/18 10:52		Analyzed: 12/04/18 00:20		
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	CBDA	< LOQ	0.0050 (%)	< LOQ
CBD	< LOQ	0.0050 (%)	< LOQ	CBG	< LOQ	0.0050 (%)	< LOQ



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Laboratory Director - 12/7/2018



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## Quality Control

**Batch: P18L002 - SOP.T.30.050 Prep for Cannabinoids (Continued)**

Blank(P18L002-BLK1)			Extracted: 12/03/18 10:52		Analyzed: 12/04/18 00:20		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
CBN	< LOQ	0.0050 (%)	< LOQ	CBC	< LOQ	0.0050 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.0050 (%)	< LOQ				



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