

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

## ReBotanicals Hemp 50 Peppermint Lot 20 Palmetto Synergistic Research Info Only- Edibles/Infused Project



**Confident Cannabis ID:** 2008ELP0010.2628

**Sample ID:** P200666-01

**Matrix:** Cannabinoid Product (liquid)

**METRC Batch #:**

**Sampling Method/SOP:** Client

**Date Sampled:** NA

**Date Accepted:** 08/12/20

**Harvest/Process Lot ID:**

**Batch ID:** Lot 20216

**Batch Size (g):**

**Unit for Sale:**

**Harvest/Production Date:**

### Cannabinoid Analysis

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

Date/Time Extracted: 08/04/20 11:25

Analysis Method/SOP: SOP.T.40.023

Date/Time Analyzed: 08/04/20 16:41

Sample mass: 0.9765g/ mL

Cannabinoids	LOQ(%)	mg/g	mg/mL	Cannabinoid Profile
<b>Total THC</b> ((THCA*0.877)+Δ9THC)		<b>1.67</b>	<b>1.63</b>	
<b>Total CBD</b> ((CBDA*0.877)+CBD)		<b>51.10</b>	<b>49.9</b>	
THCA	0.005	< LOQ	< LOQ	
delta 9-THC	0.005	1.67	1.63	
delta 8-THC	0.005	< LOQ	< LOQ	
THCV	0.005	< LOQ	< LOQ	
CBGA	0.005	< LOQ	< LOQ	
CBDA	0.005	< LOQ	< LOQ	
CBD	0.005	51.10	49.9	
CBDV	0.005	< LOQ	< LOQ	
CBN	0.005	0.41	0.400	
CBG	0.005	1.32	1.29	
CBC	0.005	0.36	0.352	
THCV-A	0.005	< LOQ	< LOQ	
CBDV-A	0.005	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.005	54.80	53.5	

"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 - 8/19/2020

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<b>ReBotanicals Hemp 50 Peppermint Lot 2</b>	Date Sampled: NA
<b>Palmetto Synergistic Research</b>	Date Accepted: 08/12/20
<b>Info Only- Edibles/Infused Project</b>	Batch ID: Lot 20216
Sample ID: P200666-01    METRC Batch #:	Batch Size:
Matrix: Cannabinoid Product	Sampling Method/SOP: Client

## Terpene Analysis

Date/Time Extracted: 08/18/20 12:55

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 08/19/20 10:14

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.020	0.098	0.0098	beta-Pinene	0.020	0.136	0.0136
Camphene	0.020	< LOQ	< LOQ	Sabinene	0.020	0.052	0.0052
Sabinene hydrate	0.020	0.070	0.007	beta-Myrcene	0.020	0.028	0.0028
p-Mentha-1,5-diene	0.020	< LOQ	< LOQ	(+)-3-Carene	0.020	< LOQ	< LOQ
alpha-Terpinene	0.020	0.028	0.0028	gamma-Terpinene	0.020	0.050	0.005
Limonene	0.020	0.349	0.0349	Eucalyptol	0.020	0.842	0.0842
Guaiol	0.020	0.020	0.002	Terpinolene	0.020	0.020	0.002
Linalool	0.020	0.054	0.0054	Camphor	0.020	< LOQ	< LOQ
(+)-Camphor	0.020	< LOQ	< LOQ	(-)-Camphor	0.020	< LOQ	< LOQ
Isopulegol	0.020	0.032	0.0032	Isoborneol	0.020	0.129	0.0129
Borneol	0.020	< LOQ	< LOQ	Hexahydrothymol	0.020	7.90	0.79
Geraniol	0.020	< LOQ	< LOQ	(+)-Pulegone	0.020	0.452	0.0452
Nerol	0.020	< LOQ	< LOQ	cis-Nerolidol	0.020	< LOQ	< LOQ
trans-Nerolidol	0.020	0.024	0.0024	Geranyl acetate	0.020	< LOQ	< LOQ
alpha-Cedrene	0.020	< LOQ	< LOQ	trans-Caryophyllene	0.020	0.447	0.0447
Caryophyllene Oxide	0.020	0.034	0.0034	alpha-Humulene	0.020	< LOQ	< LOQ
Valencene	0.020	< LOQ	< LOQ	alpha-Farnesene	0.020	< LOQ	< LOQ
beta-Farnesene	0.020	< LOQ	< LOQ	Cedrol	0.020	< LOQ	< LOQ
alpha-Bisabolol	0.020	0.043	0.0043	Fenchone	0.020	< LOQ	< LOQ
Fenchyl Alcohol	0.020	< LOQ	< LOQ	trans, beta- Ocimene	0.020	0.054	0.0054
beta, cis- Ocimene	0.020	< LOQ	< LOQ	Terpineol	0.020	0.119	0.0119
Total (Sum):						10.98	1.10

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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<b>ReBotanicals Hemp 50 Peppermint Lot</b>		Date Sampled: NA
<b>Palmetto Synergistic Research</b>		Date Accepted: 08/12/20
<b>Info Only- Edibles/Infused Project</b>		Batch ID: Lot 20216
Sample ID: P200666-01	METRC Batch #:	Batch Size:
Matrix: Cannabinoid Product		Sampling Method/SOP: Client

### Pesticides

Date/Time Extracted: 08/12/20 14:29

Date/Time Analyzed: 8/14/2020 6:06:52AM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

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	0.100	0.2	< LOQ	ppm	Neonicotinoid insecticide
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	0.500	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	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	0.100	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
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	0.100	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.100	0.2	< LOQ	ppm	
Metalaxyl	0.100	0.2	< LOQ	ppm	
Methiocarb	0.100	0.2	< LOQ	ppm	Carbamate insecticide



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<b>ReBotanicals Hemp 50 Peppermint Lot</b>	<b>Date Sampled: NA</b>
<b>Palmetto Synergistic Research</b>	<b>Date Accepted: 08/12/20</b>
<b>Info Only- Edibles/Infused Project</b>	<b>Batch ID: Lot 20216</b>
<b>Sample ID: P200666-01</b>	<b>METRC Batch #:</b>
<b>Matrix: Cannabinoid Product</b>	<b>Batch Size:</b>
	<b>Sampling Method/SOP: Client</b>

### Pesticides

*Date/Time Extracted: 08/12/20 14:29*

*Date/Time Analyzed: 8/14/2020 6:06:52AM*

*Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051*

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	0.250	0.5	< LOQ	ppm	
Oxamyl	0.500	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.100	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	0.500	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. Pesticide testing performed in conjunction with EVIO Labs Medford, an ORELAP accredited laboratory.



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<b>Palmetto Synergistic Research</b>	Date Accepted: 08/12/20
<b>Info Only- Edibles/Infused Project</b>	Batch ID: Lot 20216
Sample ID: P200666-01      METRC Batch #:	Batch Size:
Matrix: Cannabinoid Product	Sampling Method/SOP: Client

### Residual Solvents

Analyte	LOQ	Action Level	Result	Units
<b>Butanes</b>	250	5000 <sup>3</sup>	< LOQ	ppm
n-Butane	250	5000	< LOQ	ppm
iso-Butane	250	5000	< LOQ	ppm
<b>Hexanes</b>	174	290 <sup>4</sup>	< 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
<b>Pentanes</b>	1400	5000 <sup>5</sup>	< LOQ	ppm
n-Pentane	1400	5000	< LOQ	ppm
iso-Pentane	1400	5000	< LOQ	ppm
Neopentane	250	5000	< LOQ	ppm
<b>Xylenes</b>	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	558	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 <sup>7</sup>	< LOQ	ppm

Date/Time Extracted: 08/06/20 13:19

Date/Time Analyzed: 08/07/20 09:36

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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<b>ReBotanicals Hemp 50 Peppermint L</b> <i>Palmetto Synergistic Research</i> <i>Info Only- Edibles/Infused Project</i> <b>Sample ID:</b> P200666-01 <b>METRC Batch #:</b> <b>Matrix:</b> Cannabinoid Product	<b>Date Sampled:</b> NA <b>Date Accepted:</b> 08/12/20 <b>Batch ID:</b> Lot 20216 <b>Batch Size:</b> <b>Sampling Method/SOP:</b> Client
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## Yeast and Mold Enumeration

Date/Time Extracted: 08/07/20 09:04

Analysis Method/SOP: \*\*\* DEFAULT SPECIFIC

Date/Time Analyzed: 08/12/20 13:48

Total Colonies: 0.00 CFU/g

### About Your Yeast and Mold Results

Botanical materials often have total yeast and mold counts between 1,500 - 7,500 CFU/g. Products that have undergone exposure to solvents, such as alcohol tinctures or concentrated materials extracted with butane, propane, hexane, carbon dioxide, or other organic solvents will typically feature total yeast and mold counts at 0 CFU/g.

The American Herbal Pharmacopoeia recommends herbal products contain no greater than 10,000 CFU/g of total yeasts and molds. Results above 10,000 CFU/g will be highlighted **Red**. Counts greater than 25,000 CFU/g are designated as "**TNTC**" or "Too numerous to count."

### Yeasts vs Molds

Yeasts and molds are both broad types of fungi. Yeasts are unicellular and reproduce by budding, creating a small smooth appearance, whereas molds are multicellular and grow through fungal strands called hyphae, creating a fuzzy appearance often associated with mold.

Yeasts and molds are commonly found on natural products, and not all are harmful. Nevertheless, yeasts and molds, as well as their spores, can cause lung irritation, facilitate allergic reactions, or even present life-threatening conditions for immuno-compromised consumers. For instance, the dark mold, *Aspergillus*, can produce toxic chemical byproducts which can be harmful to human health. *Aspergillus* spores can lodge in small crevices in the lungs and grow, leading to a potentially life-threatening condition called Aspergillosis.

A simple total yeast and mold count can be a great way to monitor for potential health hazards in botanical products and help ensure the safety of consumers.



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## Quality Control

**Batch: M20H054 - SOP.T.30.060 Pesticide Prep**

Blank(M20H054-BLK1)			Extracted: 08/12/20 14:29		Analyzed: 08/14/20 02:11		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Methyl parathion	< LOQ	0.100 (ppm)	< LOQ	MGK-264	< LOQ	0.100 (ppm)	< LOQ
Chlorfenapyr	< LOQ	0.500 (ppm)	< LOQ	Cyfluthrin	< LOQ	0.500 (ppm)	< LOQ
Cypermethrin	< LOQ	0.500 (ppm)	< LOQ	Abamectin	< LOQ	0.250 (ppm)	< LOQ
Acephate	< LOQ	0.200 (ppm)	< LOQ	Acequinocyl	< LOQ	1.00 (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
Bifenthrin	< 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	0.500 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.500 (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	0.500 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ	Hexythiazox	< LOQ	0.500 (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	0.250 (ppm)	< LOQ	Oxamyl	< LOQ	0.500 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ	Permethrins	< LOQ	0.100 (ppm)	< LOQ
Phosmet	< LOQ	0.100 (ppm)	< LOQ	Piperonyl butoxide	< LOQ	1.00 (ppm)	< LOQ
Prallethrin	< LOQ	0.100 (ppm)	< LOQ	Propiconazole	< LOQ	0.200 (ppm)	< LOQ
Propoxur	< LOQ	0.100 (ppm)	< LOQ	Pyridaben	< LOQ	0.100 (ppm)	< LOQ
Pyrethrins	< LOQ	0.500 (ppm)	< LOQ	Spinosad	< LOQ	0.100 (ppm)	< LOQ
Spiromesifen	< LOQ	0.100 (ppm)	< LOQ	Spirotetramat	< LOQ	0.100 (ppm)	< LOQ
Spiroxamine	< LOQ	0.200 (ppm)	< LOQ	Tebuconazole	< LOQ	0.200 (ppm)	< LOQ
Thiacloprid	< LOQ	0.100 (ppm)	< LOQ	Thiamethoxam	< LOQ	0.100 (ppm)	< LOQ
Trifloxystrobin	< LOQ	0.100 (ppm)	< LOQ				

LCS(M20H054-BS1)			Extracted: 08/12/20 14:29		Analyzed: 08/14/20 02:39		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Methyl parathion	112	0.100 (ppm)	50-150	MGK-264	67.0	0.100 (ppm)	50-150
Chlorfenapyr	61.6	0.500 (ppm)	50-150	Cyfluthrin	53.0	0.500 (ppm)	50-150
Cypermethrin	51.4	0.500 (ppm)	50-150	Abamectin	86.7	0.250 (ppm)	50-150
Acephate	91.1	0.200 (ppm)	50-150	Acequinocyl	114	1.00 (ppm)	50-150



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## Quality Control

**Batch: M20H054 - SOP.T.30.060 Pesticide Prep (Continued)**

LCS(M20H054-BS1)			Extracted: 08/12/20 14:29		Analyzed: 08/14/20 05:35		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Acetamiprid	95.4	0.100 (ppm)	50-150	Aldicarb	87.0	0.200 (ppm)	50-150
Azoxystrobin	109	0.100 (ppm)	50-150	Bifenazate	102	0.100 (ppm)	50-150
Bifenthrin	113	0.100 (ppm)	50-150	Boscalid	97.9	0.200 (ppm)	50-150
Carbaryl	90.7	0.100 (ppm)	50-150	Carbofuran	97.8	0.100 (ppm)	50-150
Chlorantraniliprole	97.3	0.100 (ppm)	50-150	Chlorpyrifos	97.9	0.100 (ppm)	50-150
Clofentezine	97.7	0.100 (ppm)	50-150	Daminozide	107	0.500 (ppm)	50-150
DDVP (Dichlorvos)	103	0.500 (ppm)	50-150	Diazinon	92.7	0.100 (ppm)	50-150
Dimethoate	92.4	0.100 (ppm)	50-150	Ethoprophos	75.7	0.100 (ppm)	50-150
Etofenprox	73.0	0.200 (ppm)	50-150	Etoxazole	98.2	0.100 (ppm)	50-150
Fenoxycarb	105	0.100 (ppm)	50-150	Fenpyroximate	92.2	0.200 (ppm)	50-150
Fipronil	106	0.200 (ppm)	50-150	Flonicamid	74.0	0.500 (ppm)	50-150
Fludioxonil	105	0.200 (ppm)	50-150	Hexythiazox	96.2	0.500 (ppm)	50-150
Imazalil	111	0.100 (ppm)	50-150	Imidacloprid	77.9	0.200 (ppm)	50-150
Kresoxim-methyl	92.4	0.200 (ppm)	50-150	Malathion	107	0.100 (ppm)	50-150
Metalaxyl	99.2	0.100 (ppm)	50-150	Methiocarb	89.3	0.100 (ppm)	50-150
Methomyl	82.8	0.200 (ppm)	50-150	Myclobutanil	104	0.100 (ppm)	50-150
Naled	118	0.250 (ppm)	50-150	Oxamyl	85.1	0.500 (ppm)	50-150
Paclobutrazol	95.0	0.200 (ppm)	50-150	Permethrins		0.100 (ppm)	50-150
Phosmet	92.0	0.100 (ppm)	50-150	Piperonyl butoxide	110	1.00 (ppm)	50-150
Prallethrin	105	0.100 (ppm)	50-150	Propiconazole	103	0.200 (ppm)	50-150
Propoxur	97.7	0.100 (ppm)	50-150	Pyridaben	96.3	0.100 (ppm)	50-150
Pyrethrins	196	0.500 (ppm)	50-150	Spinosad	101	0.100 (ppm)	50-150
Spiromesifen	103	0.100 (ppm)	50-150	Spirotetramat	92.0	0.100 (ppm)	50-150
Spiroxamine	100	0.200 (ppm)	50-150	Tebuconazole	91.1	0.200 (ppm)	50-150
Thiacloprid	106	0.100 (ppm)	50-150	Thiamethoxam	95.9	0.100 (ppm)	50-150
Trifloxystrobin	101	0.100 (ppm)	50-150				

**Batch: P20H083 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS**

Blank(P20H083-BLK1)			Extracted: 08/18/20 12:55		Analyzed: 08/19/20 10:14		
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



Kawai Medeiros  
 Laboratory Manager - 8/19/2020



**EVIO Labs Portland**  
**14775 SW 74th Ave, Tigard, OR 97224**  
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## Quality Control

**Batch: P20H083 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS (Continued)**

Blank(P20H083-BLK1)			Extracted: 08/18/20 12:55		Analyzed: 08/19/20 10:14		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
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	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



Kawai Medeiros  
 Laboratory Manager - 8/19/2020

### P200666-01 Rebotanical Hemp 50 Pe

### Heavy Metals



Analyte ^	LOD (µg/g or µg/mL)	LOQ (µg/g or µg/mL)	Results (µg/g or µg/mL)
Arsenic		0.0001	0.0004 0.0439
Cadmium		0.0001	0.0002 ND
Lead		0.0001	0.0002 0.0207
Mercury		0.00003	0.0001 0.0003

Instrument	Method	Accession Date v	Panel Completed Date
IR-NEXION01	SOP-TP.03.2020.V02 Heavy Metals	2020-08-12	2020-08-12

Account Name: **EVIO Labs - Portland**

Producer Name: **N/A**

Producer Address: **N/A**

Producer Lic#: **N/A**

Distributor Name: **N/A**

Distributor Address: **N/A**

Distributor Lic#: **N/A**

Sample ID: **3001380**

Sample Type: **Cannabis Concentrates and Topicals**

Pick-Up Date: **N/A**

Received Date: **2020-08-10**

Sample Accession Date: **2020-08-12**

Analysis Completed Date: **2020-08-12**

Lot/Batch #: **Lot 20216**

Sample Weight/Volume: **2.5317 g**

Sample Unit Count: **N/A**

Batch Weight/Volume: **N/A**

Batch Unit Count: **N/A**

Package Weight/Volume: **N/A**

Serving Weight/Volume: **N/A**

Density: **1**

Water Activity (aw): **NT**

Water Activity Pass/Fail: **N/A**

Moisture Content (%): **NT**

Foreign Matter Pass/Fail: **NT**

#### SIGNATURE OF CONFIRMATION

*Adam Floyd*

Adam Floyd  
Laboratory Manager

2020-08-12  
Date of Confirmation

#### QUALITY REVIEW

*Mike Tunis*

Mike Tunis

2020-08-12  
Date of Quality Review

Total CBD = (CBDA \* 0.877) + CBD  
Total THC = (THCA \* 0.877) + D9-THC  
D9-THC % = (Component Amount in mg / 1000)  
PPM to % = ((PPM/1000)/1000)\*100  
Moisture Content Adjustment = (Component Amount / (1000 mg - (1000 \* Moisture Correction %)) \* 1000  
LOQ = Limit of Quantitation  
LOD = Limit of Detection  
ND = Not Detected  
PPB - Parts per Billion  
PPM - Parts per Million

All tests were performed with relevant laboratory quality control samples (LQCs) and passed prescribed acceptance criteria according to Barclays Official California Code of Regulations (CCR) section 5730, pursuant to 16 CCR section 5726 (e)(13). Testing results are based on the sample submitted to Think20 Labs LLC in the picture and description above. Think20 Labs LLC affirms that all analytical testing was performed consistent with industry standards and in accordance with validated methods designed and verified by Think20 Labs LLC. All testing results were produced in compliance with applicable state and federal laws. This report may not be reproduced, except in full, without the written approval of Think20 Labs LLC.



# Mycotoxin Analysis Report

R&D Use only. Not for Compliance

**Palmetto Synergistic Research**

**EVIO Sample ID:**

**P200666-01**

**Info Only**

**Product Name:**

**Rebotanicals Hemp 50 Peppermint**

Batch ID: NA

Ordered: 8/4/2020

Batch Size: NA

Sampled: NA

Completed: 8/17/2020

## Mycotoxin Analysis

Analyte	LOQ (ug/mL)	Results (ug/mL)
Aflatoxin B1	0.025	<LOQ
Aflatoxin B2	0.025	<LOQ
Aflatoxin G1	0.025	<LOQ
Aflatoxin G2	0.025	<LOQ
Ochratoxin A	0.200	<LOQ

Mycotoxin Analytical Batch ID:

**M20H053**

Notes: LCS recoveries for all analytes 50 – 150%; Replicate recoveries <20% RSD; Sample and solvent blanks <LOQ (or ND); LOQ = Limit of Quantitation; NA = Not Applicable.



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**Stephanie Moon**  
Lab Director

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