

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b> MNT-d9-WTG1	<b>BATCH #</b> DI53	<b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection  $1\text{ g} = 10^{-3}\text{ kg} = 10^3\text{ mg} = 10^6\text{ }\mu\text{g}$ $1\text{ mg/kg} = 1\text{ ppm} = 1000\text{ ppb}$
<b>PRODUCT NAME</b> Chewable Mints 10mg	<b>SERVING SIZE</b> 0.55 g	
<b>LABORATORY:</b> Pacific Botanical Laboratories	<b>OREGON ACCREDITATION:</b> OR100028	

POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	<b>5.34 mg/serving</b>	9.70 mg/g	0.970 %
Total THC (d9-THC, THCA)	<b>0.985 mg/serving</b>	1.79 mg/g	0.179 %
Cannabigerol (CBG)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabichromene (CBC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	<b>0.985 mg/serving</b>	1.79 mg/g	0.179 %
Delta-8-THC (d8-THC)	<b>0.132 mg/serving</b>	0.240 mg/g	0.0240 %

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	10 $\mu\text{g/day}$ <sup>[1]</sup>
Cadmium	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	4.1 $\mu\text{g/day}$ <sup>[1]</sup>
Lead	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	3.5 $\mu\text{g/day}$ <sup>[2]</sup>
Mercury	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	2 $\mu\text{g/day}$ <sup>[1]</sup>

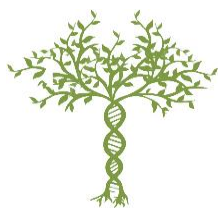
PESTICIDES	REGULATORY ACTION LEVEL
None of the other 59 pesticides tested found above limit of detection in the sample.	10 ppb <sup>[1]</sup>

RESIDUAL SOLVENTS	Results	REGULATORY ACTION LEVEL
Ethanol	<LOQ	
Heptane	<LOQ	
None of the 34 residual solvents tested found above limit of quantitation in the sample.		

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Coliform	Pass



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.  
 2. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.



# Pacific Botanical Laboratories, LLC

3917 Aurora Avenue North, Seattle, WA 98103 | (206) 566-3526

## Cannabinoid Profile by HPLC-UV/Vis

Results of Analysis by SOP C-001 based on Swift, et al

### Sample Information

**Client ID:** FORM-DI53-WNT-D9-WTG1  
**Matrix:** Oil  
**Comments:**

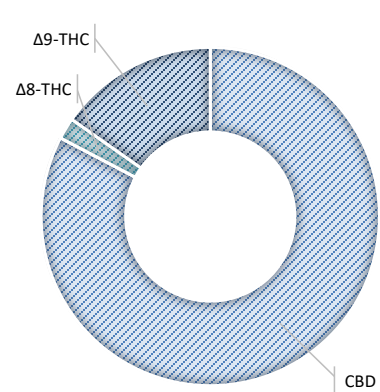
### Client Information

**Client:** Lazarus Naturals  
**Contact:** Tyler Ashmore  
**Address:** 16427 NE Airport Way  
 Portland, OR, 97230

### Laboratory Information

**Workorder:** PBL-S1131-378  
**Date of Receipt:** 9/28/2021  
**Date of Report:** 10/1/2021  
**Authorized Analyst:** Dana Rothwein  
**Report Reviewed by:** Dana Rothwein  
**Report Approved by:** Damien Gadowski, PhD

Analyte	LOQ (mg/g)	Concentration (mg/g)	Concentration (%)
CBC	0.10	<LOQ	<LOQ
CBD	0.10	9.70	0.97
CBDA	0.10	<LOQ	<LOQ
CBDV	0.10	<LOQ	<LOQ
CBDVA	0.10	<LOQ	<LOQ
CBG	0.10	<LOQ	<LOQ
CBGA	0.10	<LOQ	<LOQ
CBN	0.10	<LOQ	<LOQ
$\Delta^8$ -THC	0.10	0.24	0.02
$\Delta^9$ -THC	0.10	1.79	0.18
$\Delta^9$ -THCA-A	0.10	<LOQ	<LOQ
THCV	0.10	<LOQ	<LOQ
<hr/>			
Total THC		1.79	0.18
Total CBD		9.70	0.97
Total Cannabinoids		11.7	1.17



### Notes

Total THC = 0.877 x  $\Delta^9$ -THCA-A +  $\Delta^9$ -THC; Total CBD = 0.877 x CBDA + CBD

NT: Not Tested

LOQ: Limit of Quantitation

Results relate only to the submitted sample. PBL makes no claim about the other portions of this commodity/lot.



# Pacific Botanical Laboratories, LLC

3917 Aurora Avenue North, Seattle, WA 98103 | (206) 566-3526

## Microbiological Results

Results of Analysis by SOP MB-001 based on Microfilm

### Sample Information

**Client ID:** FORM-DI53-WNT-D9-WTG1

**Matrix:** Powder

**Comments:**

### Client Information

**Client:** Lazarus Naturals

**Contact:** Tyler Ashmore

**Address:** 16427 NE Airport Way  
Portland, OR, 97230

### Laboratory Information

**Workorder:** PBL-S1131-378

**Authorized Analyst:** Tim Casad

**Date of Receipt:** 9/28/2021

**Report Reviewed by:** Dana Rothwein

**Date of Report:** 10/4/2021

**Report Approved by:** Damien Gadowski, PhD

Analyte - Quantitative	LOQ (CFU/g)	WSLCB Limit (CFU/g)	Concentration (CFU/g)	Status
Yeast & Mold	10	-	<LOQ	-
E. coli	10	-	<LOQ	-
Coliforms	10	-	<LOQ	-

LOQ: Limit of Quantitation

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# Pacific Botanical Laboratories, LLC

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## Heavy Metals Screen by ICP-MS

Results of Analysis by SOP I-004 based on AOAC 2013.06

### Sample Information

**Client ID:** FORM-DI53-WNT.D9.WTG1

**Matrix:** Powder

**Comments:**

### Client Information

**Client:** Lazarus Naturals

**Contact:** Tyler Ashmore

**Address:** 16427 NE Airport Way  
Portland, OR, 97230

### Laboratory Information

**Workorder:** PBL-S1131-378

**Authorized Analyst:** Forest Davis

**Date of Receipt:** 9/28/2021

**Report Reviewed by:** Dana Rothwein

**Date of Report:** 10/4/2021

**Report Approved by:** Damien Gadomski, PhD

Analyte	LOQ (ppm)	WSLCB Limit (ppm)	Concentration (ppm)	Status
Arsenic	50	50	<LOQ	Pass
Cadmium	50	50	<LOQ	Pass
Lead	50	100	<LOQ	Pass
Mercury	50	50	<LOQ	Pass

\*sum of m-xylene, o-xylene, p-xylene and ethylbenzene

LOQ: Limit of Quantitation

Results relate only to the submitted sample. PBL makes no claim about the other portions of this commodity/lot.



# Pacific Botanical Laboratories, LLC

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## Residual Solvents Screen by HS-GC-FID

Results of Analysis by SOP C-002 based on FET-HS

### Sample Information

**Client ID:** FORM-DI53-WNT.D9.WTG1

**Matrix:** Powder

**Comments:**

### Client Information

**Client:** Lazarus Naturals

**Contact:** Tyler Ashmore

**Address:** 16427 NE Airport Way  
Portland, OR, 97230

### Laboratory Information

**Workorder:** PBL-S1125-370

**Authorized Analyst:** Amabel Octavio

**Date of Receipt:** 9/28/2021

**Report Reviewed by:** Dana Rothwein

**Date of Report:** 10/18/2021

**Report Approved by:** Damien Gadowski, PhD

Analyte	LOQ (ppm)	WSLCB Limit (ppm)	Concentration (ppm)	Status
Acetone	250	5000	<LOQ	Pass
Benzene	1	2	<LOQ	Pass
Butanes	250	5000	<LOQ	Pass
Cyclohexane	250	3880	<LOQ	Pass
Chloroform	1	2	<LOQ	Pass
Dichloromethane	250	600	<LOQ	Pass
Ethyl Acetate	250	5000	<LOQ	Pass
Heptanes	250	5000	<LOQ	Pass
Hexanes	250	290	<LOQ	Pass
Isopropanol (2-propanol)	250	5000	<LOQ	Pass
Methanol	250	3000	<LOQ	Pass
Pentanes	250	5000	<LOQ	Pass
Propane	250	5000	<LOQ	Pass
Toluene	250	890	<LOQ	Pass
Total Xylene*	250	2170	<LOQ	Pass

\*sum of m-xylene, o-xylene, p-xylene and ethylbenzene

LOQ: Limit of Quantitation

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# Pacific Botanical Laboratories, LLC

3917 Aurora Avenue North, Seattle, WA 98103 | (206) 566-3526

## Pesticide Screen by LC-MS/MS and GC-MS/MS

For compliance with WAC 314-55-108

Results of Analysis by SOP C-003; Method Reference: AOAC 2007.01

### Sample Information

**Client ID:** FORM-DI53-WNT.D9.WTG1

**Matrix:** Powder

**Comments:**

### Client Information

**Client:** Lazarus Naturals

**Contact:** Tyler Ashmore

**Address:** 16427 NE Airport Way  
Portland, OR, 97230

### Laboratory Information

**Workorder:** PBL-S1131-378

**Date of Receipt:** 9/28/2021

**Date of Report:** 10/21/2021

**Authorized Analysts:** Dana Rothwein & Amabel Octavio

**Report Reviewed by:** Dana Rothwein

**Report Approved by:** Damien Gadomski, PhD

Analyte	LOQ (ppm)	MRL (ppm)	Result (ppm)	Analyte	LOQ (ppm)	MRL (ppm)	Result (ppm)
Abamectin B1a	0.10	0.5	<LOQ	Hexythiazox	0.01	1.0	<LOQ
Acephate	0.01	0.4	<LOQ	Imazalil	0.01	0.2	<LOQ
Acequinocyl	0.10	2.0	<LOQ	Imidacloprid	0.01	0.4	<LOQ
Acetamiprid	0.01	0.2	<LOQ	Kresoxim-methyl	0.01	0.4	<LOQ
Aldicarb	0.01	0.4	<LOQ	Malathion	0.01	0.2	<LOQ
Azoxystrobin	0.01	0.2	<LOQ	Metalaxyl	0.01	0.2	<LOQ
Bifenazate	0.01	0.2	<LOQ	Methiocarb	0.01	0.2	<LOQ
Bifenthrin	0.01	0.2	<LOQ	Methomyl	0.01	0.4	<LOQ
Boscalid	0.01	0.4	<LOQ	Methyl parathion	0.01	0.2	<LOQ
Carbaryl	0.01	0.2	<LOQ	MGK-264	0.01	0.2	0.014
Carbofuran	0.01	0.2	<LOQ	Myclobutanil	0.01	0.2	<LOQ
Chlorantraniliprole	0.10	0.2	<LOQ	Naled	0.01	0.5	<LOQ
Chlorfenapyr	0.10	1.0	<LOQ	Oxamyl	0.01	1.0	<LOQ
Chlorpyrifos	0.01	0.2	<LOQ	Paclobutrazol	0.01	0.4	<LOQ
Clofentezine	0.01	0.2	<LOQ	Permethrins*	0.01	0.2	<LOQ
Coumaphos	0.10	0.1	<LOQ	Phosmet	0.01	0.2	<LOQ
Cyfluthrin	0.10	1.0	<LOQ	Piperonyl butoxide	0.01	2.0	<LOQ
Cypermethrin	0.1	1.0	<LOQ	Prallethrin	0.01	0.2	<LOQ
Daminozide	0.01	1.0	<LOQ	Propiconazole	0.01	0.4	<LOQ
DDVP (Dichlorvos)	0.01	0.1	<LOQ	Propoxur	0.01	0.2	<LOQ
Diazinon	0.01	0.2	<LOQ	Pyrethrins†	0.01	1.0	0.015
Dimethoate	0.01	0.2	<LOQ	Pyridaben	0.01	0.2	<LOQ
Ethoprophos	0.01	0.2	<LOQ	Spinosad	0.01	0.2	<LOQ
Etofenprox	0.01	0.4	<LOQ	Spiromesifen	0.01	0.2	<LOQ
Etoxazole	0.01	0.2	<LOQ	Spirotetramat	0.01	0.2	<LOQ
Fenoxycarb	0.01	0.2	<LOQ	Spiroxamine	0.01	0.4	<LOQ
Fenpyroximate	0.01	0.4	<LOQ	Tebuconazole	0.01	0.4	<LOQ
Fipronil	0.01	0.4	<LOQ	Thiacloprid	0.01	0.2	<LOQ
Flonicamid	0.01	1.0	<LOQ	Thiamethoxam	0.01	0.2	<LOQ
Fludioxonil	0.01	0.4	<LOQ	Trifloxystrobin	0.01	0.2	<LOQ

\* Permethrins are measured as cumulative residue of cis- and trans-permethrin isomer

† Pyrethrins are measured as the cumulative residues of pyrethrin I, cinerin I, and jasmolin I

MRL: Maximum Residue Level

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