



# JOY ORGANICS

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Joy Organics CBD Bath Bombs  
**PRODUCT STRENGTH:** 25 mg / each  
**MANUFACTURE DATE:** 03/13/20  
**FILL LOT NUMBER:** 0058A  
**BATH BOMB LOT NUMBER:** 6750  
**HEMP EXTRACT LOT NUMBER\*:** [JP090319B7](#)

*\*Click on the links to view third-party reports\**

### Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	White to slightly off-white	PASS
Odor	SOP-100	Lavender	PASS
Appearance	SOP-100	Round, white to slightly off-white bath bombs in shrink wrap	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

### Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
<b>Potency - Total CBD</b>	SOP-111	23.75-31.25 mg CBD / ea. LOQ**: 10 PPM† (0.001%)	<a href="#">.1% or 27.5mg</a>	PASS
<b>Potency - D9-THC</b>	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<a href="#">ND</a>	PASS
<b>FL Compliant Pesticide Panel</b>	SOP-111	Florida State Hemp Program Rule 5B-57.014: Action Limits for Pesticides	<a href="#">ND</a>	PASS
<b>Microbial - Stec E.Coli</b>	SOP-111	Complies with USP 61/62	<a href="#">Below LOQ</a>	PASS
<b>Microbial - Salmonella</b>	SOP-111	Complies with USP 61/62	<a href="#">Below LOQ</a>	PASS
<b>Microbial - Mold</b>	SOP-111	Complies with USP 61/62	<a href="#">Below LOQ</a>	PASS
<b>CA Compliant Heavy Metal Panel</b>	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	<a href="#">Below LOQ</a>	PASS
<b>MT Compliant Residual Solvents Panel</b>	SOP-111	Montana Public Health and Human Services Rule 37.107.316	<a href="#">Below LOQ</a>	PASS

\* Level of Quantitation, † Parts Per Million

Quality Certified by: *Darcie Moran* 03.24.2020  
 Darcie Moran Date  
 Manager of Quality Assurance



**ACCU Bio-Chem**  
LABORATORIES

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Tel: 818.547.3221 Email: [acculab@accubclabs.com](mailto:acculab@accubclabs.com)  
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To: **Joy Organics**  
5042 Technology Parkway, Suite 500  
Fort Collins, CO 80528

COA No.:	M-JO031820-03
COA Date:	03/23/20
Sample Rec'd Date:	03/18/20
ISO/IEC 17025:2005 Standard	Page 1 of 1

## MICROBIOLOGICAL CERTIFICATE OF ANALYSIS

Sample Description: *Batch Bomb 0058A*  
Sample Batch/Lot No.: *N/A*  
ACCU Laboratory Ref.: *0726877*  
Purchase Order No.: *N/A*  
Test Method: *USP*  
Notes: *N/A*

**Analysis:**

**Results:**

<b>Total Plate Count:</b>	<b>&lt;10 CFU / g</b>
<b>Yeast &amp; Mold Count:</b>	<b>&lt;10 CFU / g</b>
<b>Bile-Tolerant g- Bacteria (coliforms):</b>	<b>Negative</b>
<b><i>Escherichia coli</i>:</b>	<b>Negative</b>
<b><i>Salmonella</i>:</b>	<b>Negative</b>

Approved By: \_\_\_\_\_

Vano Baghdasarian, Laboratory Director

The results of this test relate only to the samples tested. This test report shall not be reproduced except in full, without written approval of the lab. ACCU Labs shall have no liability to anyone with respect to any interpretations or uses of the COA report, decisions made, or actions taken as a result of or based on the data reported.  
Abbreviations: g -: gram negative; g +B: gram positive Bacilli; g +C: gram positive Cocci; TPC: Total Plate Count; TNTC: Too Numerous to Count

**Document Information**

File Name and Version: LF-510-01 Certificate of Analysis – V. Micro v.02	Effective Date: 07/25/19	Status: Approved by Vano Baghdasarian
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total cannabinoids **0.1%**  
 CBD decarb total .12%  
 Δ9-THC ND

**This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp**



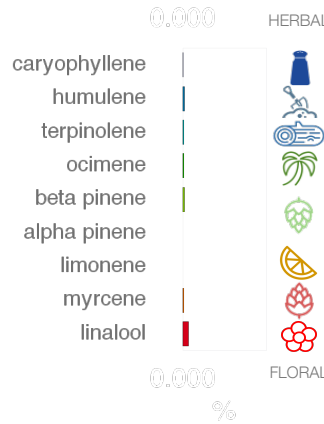
Stillwater Laboratories

https://portal.a2la.org/scopepdf/4961-01.pdf

Sample Handling

test ID sample date 3/5/20 12:15 PM  
 order 6750 labID OCE43 weight 90.7 g  
 source

Methods	method	equipment
weights	MSP-7.3.1.3	AUX120.1
potency	MSP-7.5.1.5	LC-2030
terpenes	MSP-7.5.1.7	QP2020/HS20
pesticides	MSP-7.5.1.8	LC-8060
mycotoxins	MSP-7.5.1.8	LC-8060
microbial	MSP-7.5.1.9	Hardy Diag
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.10	ICPMS2030



topical



Potency	%	estimated error	Terpenes	%	estimated error	%	estimated error	%	estimated error		
tetrahydrocannabinolic acid (THCa)	ND	± 0.02 %	β-myrcene	0.003%	± 0.0017%	camphene	0.000%	± 0.0016 %	guaiol	0.000%	± 0.0016 %
Δ <sup>9</sup> -tetrahydrocannabinol (Δ <sup>9</sup> THC)	ND	± 0.02 %	β-caryophyllene	0.001%	± 0.0017%	Δ <sup>3</sup> -carene	0.003%	± 0.0017 %	β-bisabolol	0.002%	± 0.0017 %
Δ <sup>8</sup> -tetrahydrocannabinol (Δ <sup>8</sup> THC)	ND	± 0.02 %	alpha-pinene	0.000%	± 0.0016%	a-terpinene	0.000%	± 0.0016 %	eucalyptol	0.000%	± 0.0016 %
tetrahydrocannabivarin (THCv)	0%	± 0.02 %	β-pinene	0.006%	± 0.0018%	para-cymene	0.013%	± 0.0020 %			
cannabidiolic acid (CBDA)	ND	± 0.02 %	D-limonene	0.000%	± 0.0016%	g-terpinene	0.011%	± 0.0020 %			
cannabidiol (CBD)	.12%	± 0.04 %	linalool	0.031%	± 0.0025%	(-)-isopulegol	0.000%	± 0.0016 %			total terpenes
cannabidivarin (CBDv)	ND	± 0.02 %	ocimene	0.003%	± 0.0035%	geraniol	0.003%	± 0.0017 %			0.09%
cannabigerolic acid (CBGA)	ND	± 0.02 %	terpinolene	0.005%	± 0.0018%	cis-nerolidol	0.000%	± 0.0016 %			
cannabigerol (CBG)	0%	± 0.02 %	alpha-humulene	0.008%	± 0.0019%	trans-nerolidol	0.000%	± 0.0016 %			
cannabinol (CBN)	ND	± 0.02 %									
cannabichromene (CBC)	0%	± 0.02 %									

Solvents	MT limit	OCE43	LOQ	Pesticides (MT)	MT limit	OCE43	LOQ	Pesticides (other)	OCE43	LOQ
propane	5,000	PASS	<10ppm	abamectin			<10ppb	acephate	0.00 ppm	<10ppb
butanes	5,000	PASS	<10ppm	acequinocyl			<10ppb	acetamidrid	0.00 ppm	<10ppb
pentanes	5,000	PASS	<10ppm	bifenazate			<10ppb	aldicarb	0.00 ppm	<10ppb
hexanes	290	PASS	<10ppm	bifenthrin			<10ppb	azoxystrobin	0.00 ppm	<10ppb
cyclohexane	3,880	PASS	<10ppm	chlormequat cl.			<10ppb	boscalid	0.00 ppm	<10ppb
heptanes	5,000	PASS	<10ppm	cyfluthrin			<80ppb	carbaryl	0.00 ppm	<10ppb
methanol	3,000	PASS	<10ppm	diaminozide			<10ppb	carbofuran	0.00 ppm	<10ppb
isopropanol	5,000	PASS	<10ppm	etoxazole			<10ppb	chloantranilprole	0.00 ppm	<10ppb
acetone	5,000	PASS	<10ppm	fenoxycarb			<10ppb	chlorpyrifos	0.00 ppm	<10ppb
ethyl acetate	5,000	PASS	<10ppm	imazalil			<10ppb	clofentezine	0.00 ppm	<10ppb
benzene	2	PASS	<0.2ppm	imidacloprid			<10ppb	cypermethrin	0.00 ppm	<10ppb
toluene	890	PASS	<10ppm	myclobutanil			<10ppb	diazinon	0.00 ppm	<10ppb
xylenes	2,170	PASS	<10ppm	paclobutrazol			<10ppb	dichlorvos	0.00 ppm	<10ppb
chloroform	2	PASS	<0.2ppm	pyrethrins			<10ppb	dimethoate	0.00 ppm	<10ppb
dichloromethane	600	PASS	<10ppm	spinosad			<10ppb	etofenprox	0.00 ppm	<10ppb
				spiromesifen			<10ppb	fenpyroximate	0.00 ppm	<10ppb
				spirotetramat			<10ppb	fipronil	0.00 ppm	<10ppb
				trifloxystrobin			<10ppb	flonicamid	0.00 ppm	<10ppb
								fludioxonil	0.00 ppm	<10ppb
								hexythiazox	0.00 ppm	<10ppb
								kresoxym-methyl	0.00 ppm	<10ppb
								malathion	0.00 ppm	<10ppb
								metalaxyl	0.00 ppm	<10ppb
								methiocarb	0.00 ppm	<10ppb
								methomyl	0.00 ppm	<10ppb
								oxamyl	0.00 ppm	<10ppb
								permethrins	0.00 ppm	<10ppb
								phosmet	0.00 ppm	<10ppb
								piperonyl butoxide	0.00 ppm	<10ppb
								prallethrin	0.00 ppm	<10ppb
								propiconazole	0.00 ppm	<10ppb
								pyridaben	0.00 ppm	<10ppb
								spiroxamine	0.00 ppm	<10ppb
								tebuconazole	0.00 ppm	<10ppb
								thiacloprid	0.00 ppm	<10ppb
								thiamethoxam	0.00 ppm	<10ppb

Toxic Metals	MT limit	OCE43	LOQ
arsenic	2 ppm	PASS	<10ppb
cadmium	4.1 ppm	PASS	<10ppb
lead	1.2 ppm	PASS	<10ppb
mercury	0.4 ppm	PASS	<10ppb

Microbial	MT limit	OCE43	LOQ
<i>E. coli</i>	10 CFU	PASS	<10 CFU/g
Salmonella sp.	10 CFU	PASS	<10 CFU/g
molds	10000 CFU	PASS	<10k CFU/g
Aflatoxin B1,B2,G1,G2	20 ppb	PASS	<20 ppb
Ochratoxin A	20 ppb	PASS	<20 ppb

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> x volume<sub>dilution</sub> / m<sub>dry</sub>. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)<sub>GCMS</sub> / m<sub>dry</sub>. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + XXX ••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula s<sub>g</sub><sup>2</sup> = Σ(∂f/∂i)<sup>2</sup>s<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t<sub>CL90</sub> x s<sub>g</sub>. Sampling error is not

Certified by:

Kyle Larson, MSc (Biology)  
 Deputy Director  
 6073 US93N, Olney MT 59927  
 406-881-2019 rdb@stwlabs.com



This is an amended version of report# 19-012757/D02.R00.  
Reason: Updated report formatting.

**Product identity:** JP090319B7  
**Laboratory ID:** 19-012757-0002

**Client/Metric ID:** .  
**Sample Date:**

**Summary**

**Potency:**

Analyte	Result (%)				
CBD	81.9		<ul style="list-style-type: none"> <li><span style="color: red;">●</span> CBD</li> <li><span style="color: blue;">●</span> CBDV</li> </ul>	CBD-Total	81.9%
CBDV†	1.86			THC-Total	< 0.177%
			(Reported in percent of total sample)		

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Terpenes:**

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
(-)-Guaiol†	0.619	35.17%	(-)-caryophyllene oxide†	0.511	29.03%
β-Caryophyllene†	0.450	25.57%	Humulene†	0.0795	4.52%
Linalool†	0.0594	3.38%	(-)-a-Terpineol†	0.0411	2.34%
<b>Total Terpenes†</b>	<b>1.76</b>	<b>100.00%</b>			

**Metals:**

Less than LOQ for all analytes.

**Microbiology:**

Less than LOQ for all analytes.



**Customer:** My CBD Test

**Product identity:** JP090319B7

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012757-0002

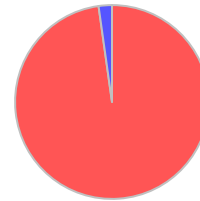
**Relinquished by:** UPS

**Temp:** 23.4 °C

### Sample Results

Potency Method J AOAC 2015 V98-6 Units % Batch 1909717 Analyze 10/22/19 05:04 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC†	< LOQ		0.0943	
CBC-A†	< LOQ		0.0943	
CBC-Total†	< LOQ		0.177	
CBD	81.9		0.943	
CBD-A	< LOQ		0.0943	
CBD-Total	81.9		1.03	
CBDV†	1.86		0.0943	
CBDV-A†	< LOQ		0.0943	
CBDV-Total†	1.86		0.176	
CBG†	< LOQ		0.0943	
CBG-A†	< LOQ		0.0943	
CBG-Total†	< LOQ		0.176	
CBL†	< LOQ		0.0943	
CBN	< LOQ		0.0943	
Δ8-THC†	< LOQ		0.0943	
Δ9-THC	< LOQ		0.0943	
THC-A	< LOQ		0.0943	
THC-Total	< LOQ		0.177	
THCV†	< LOQ		0.0943	
THCV-A†	< LOQ		0.0943	
THCV-Total†	< LOQ		0.176	



● CBD  
● CBDV

### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1909486	10/21/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1909486	10/21/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1909487	10/21/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1909487	10/21/19	AOAC 2014.05 (RAPID)	X



Solvents					Method EPA5021A	Units µg/g	Batch 1909460	Analyze 10/23/19 02:28 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	30.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass	
Methylpropane	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ	2170	600	pass	

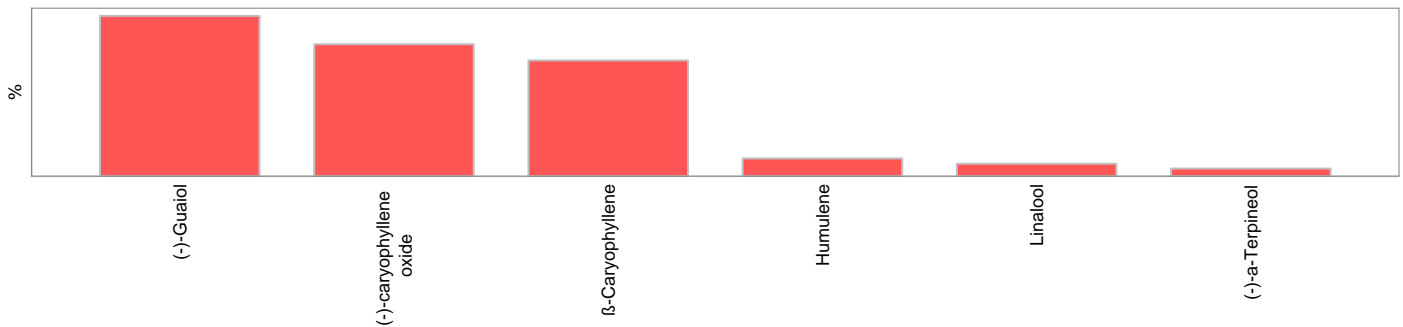


Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1909507 Analyze 10/21/19 09:49 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclbutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

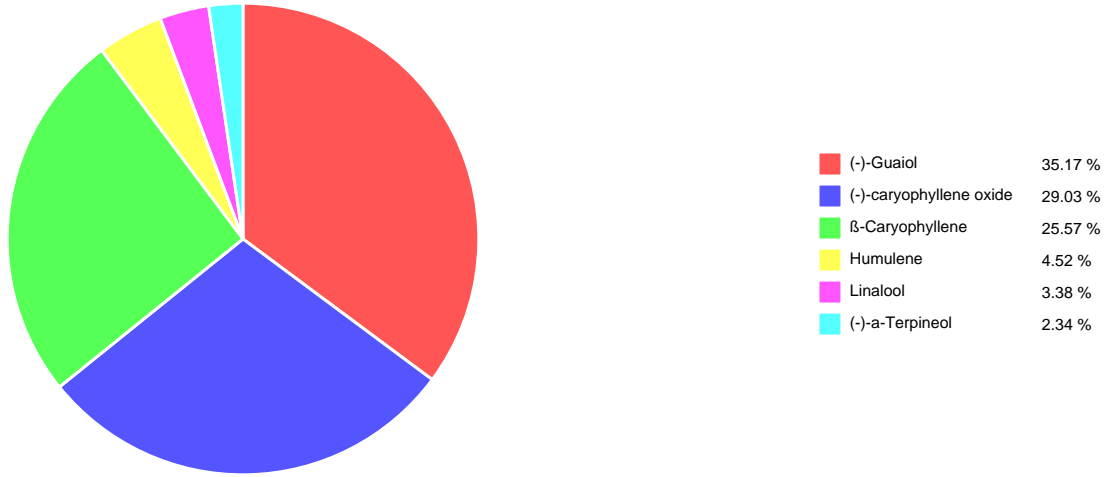




Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1909461	Analyze 10/18/19 12:07 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(-)-Guaial <sup>†</sup>	0.619	0.020	35.17%		(-)-caryophyllene oxide <sup>†</sup>	0.511	0.020	29.03%	
β-Caryophyllene <sup>†</sup>	0.450	0.020	25.57%		Humulene <sup>†</sup>	0.0795	0.020	4.52%	
Linalool <sup>†</sup>	0.0594	0.020	3.38%		(-)-a-Terpeneol <sup>†</sup>	0.0411	0.020	2.34%	
(-)-Isopulegol <sup>†</sup>	< LOQ	0.020	0.00%		(-)-β-Pinene <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-Borneol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Cedrol <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-fenchol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Pulegone <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-Camphor <sup>†</sup>	< LOQ	0.020	0.00%		(±)-cis-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-fenchone <sup>†</sup>	< LOQ	0.020	0.00%		(±)-trans-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%	
(R)-(+)-Limonene <sup>†</sup>	< LOQ	0.020	0.00%		a-Bisabolol <sup>†</sup>	< LOQ	0.020	0.00%	
a-cedrene <sup>†</sup>	< LOQ	0.020	0.00%		a-phellandrene <sup>†</sup>	< LOQ	0.020	0.00%	
a-pinene <sup>†</sup>	< LOQ	0.020	0.00%		a-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%	
Camphene <sup>†</sup>	< LOQ	0.020	0.00%		cis-β-Ocimene <sup>†</sup>	< LOQ	0.006	0.00%	
d-3-Carene <sup>†</sup>	< LOQ	0.020	0.00%		Eucalyptol <sup>†</sup>	< LOQ	0.020	0.00%	
farnesene <sup>†</sup>	< LOQ	0.020	0.00%		gamma-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%	
Geraniol <sup>†</sup>	< LOQ	0.020	0.00%		Geranyl acetate <sup>†</sup>	< LOQ	0.020	0.00%	
Isoborneol <sup>†</sup>	< LOQ	0.020	0.00%		Menthol <sup>†</sup>	< LOQ	0.020	0.00%	
nerol <sup>†</sup>	< LOQ	0.020	0.00%		p-Cymene <sup>†</sup>	< LOQ	0.020	0.00%	
Sabinene <sup>†</sup>	< LOQ	0.020	0.00%		Sabinene hydrate <sup>†</sup>	< LOQ	0.020	0.00%	
β-Myrcene <sup>†</sup>	< LOQ	0.020	0.00%		Terpinolene <sup>†</sup>	< LOQ	0.020	0.00%	
trans-β-Ocimene <sup>†</sup>	< LOQ	0.013	0.00%		valencene <sup>†</sup>	< LOQ	0.020	0.00%	
<b>Total Terpenes</b>	<b>1.76</b>								







**Metals**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	X



These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

**Units of Measure**

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager