



CERTIFICATE OF ANALYSIS

Product: CBD+SLEEP gummies (60ct) **Product code:** FG000443
Lot number: GMY-79
Manufacturing date: 9/29/2020
Expiration date: 11/29/2021

Test	Units	Specification	Pass/Fail
CBD content	mg/g	25 mg/10g	PASS
Valerian Root Extract	mg/g	75 mg/10g	PASS
Lemon Balm Extract	mg/g	200 mg/10g	PASS

The purity, strength and composition of this lot was verified in aggregate by Quality Assurance review of third party laboratory full panel analysis of finished good CBD content, heavy metals, solvents, pesticides and microbiology, a third party laboratory identity of Valerian Root Extract and Lemon Balm Extract, and the batch production record to verify formulation control.

Finished good potency and contaminant testing* performed by: Columbia Laboratories
**Cannabinoid, Solvents, Pesticides, Heavy Metals, Microbiology*


Report # 20-010893/D03.R01

Active ingredient (Valerian Root) testing performed by: IEH Laboratories

Report # LFP-224174

Active ingredient (Lemon Balm) testing performed by: IEH Laboratories

Report # LFP-224174

Quality Manager:  Date: 10/15/2020



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 20-010893/D03.R01
Report Date: 10/14/2020
ORELAP#: OR100028
Purchase Order:
Received: 10/07/20 16:00

This is an amended version of report# 20-010893/D03.R00.
 Reason: Results paired with 20-010559 sample

Customer: Sentia Wellness
Product identity: CBD + Sleep 60ct Blackberry Mint GMY-79
Client/Metric ID:
Laboratory ID: 20-010893-0001 **Sample Date:** 10/07/20

Summary

Microbiology:

Analyte	Result	Limits
Yeast (RAPID Petrifilm)	260	

Customer: Sentia Wellness
Product identity: CBD + Sleep Blackberry Mint WPGMY-109
Client/Metric ID:
Laboratory ID: 20-010556-0001 **Sample Date:** 09/30/20

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.254		%		CBD-Total (%) 0.254%
CBD-A	0.00376		%		
CBG†	0.00703		%		CBD-Total per 1g 2.57 mg/1g
Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	2.54		mg/1g		CBD-Total per 10g 25.7 mg/10g
CBD-A per 1g	0.0376		mg/1g		
CBG per 1g	0.0703		mg/1g		THC-Total (%) <LOQ
Analyte per 10g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBD per 10g	25.4		mg/10g		
CBD-A per 10g	0.376		mg/10g		
CBG per 10g	0.703		mg/10g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Analyte	Result	Limits
Arsenic	0.00832	

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Testing in accordance with OAR 333-067-0350



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Customer: Sentia Wellness
 PO Box 5665
 Portland Oregon 97228
 United States

Product identity: CBD + Sleep Blackberry Mint WPGMY-109

Client/Metric ID: .

Sample Date: 09/30/20

Laboratory ID: 20-010556-0001

Relinquished by: Client

Temp: 20.3 °C

Serving Size #1: 1 g

Serving Size #2: 10 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2008225	Analyze: 10/5/20 3:03:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0032	
CBC-A ¹	< LOQ		%	0.0032	
CBC-Total ¹	< LOQ		%	0.0060	
CBD	0.254		%	0.0032	
CBD-A	0.00376		%	0.0032	
CBD-Total	0.257		%	0.0060	
CBDV ¹	< LOQ		%	0.0032	
CBDV-A ¹	< LOQ		%	0.0032	
CBDV-Total ¹	< LOQ		%	0.0059	
CBG ¹	0.00703		%	0.0032	
CBG-A ¹	< LOQ		%	0.0032	
CBG-Total	0.00703		%	0.0059	
CBL ¹	< LOQ		%	0.0032	
CBN	< LOQ		%	0.0032	
Δ8-THC ¹	< LOQ		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	< LOQ		%	0.0060	
THCV ¹	< LOQ		%	0.0032	
THCV-A ¹	< LOQ		%	0.0032	
THCV-Total ¹	< LOQ		%	0.0059	
Total Cannabinoids¹	0.265		%		



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Solvents		Method EPA5021A				Units µg/g	Batch 2008066	Analyze 10/01/20 09:38 AM			
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		Ethanol ^l	< LOQ		200		
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							



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2008226 Analyze 10/06/20 04:09 PM											
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	
Bifentazate	< 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		Etoxazole	< 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		Paclobutrazole	< 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							

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	0.00832		mg/kg	0.00732	2008237	10/06/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.00732	2008237	10/06/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.00732	2008237	10/06/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.00366	2008237	10/06/20	AOAC 2013.06 (mod.)	X	

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Purchase Order:
Received: 10/07/20 16:00



Customer: Sentia Wellness
 PO Box 5665
 Portland Oregon 97228
 United States

Product identity: CBD + Sleep 60ct Blackberry Mint GMY-79

Client/Metric ID: .

Sample Date: 10/07/20

Laboratory ID: 20-010893-0001

Relinquished by: Client

Temp: 23.2 °C

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2008280	10/10/20	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2008281	10/10/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2008281	10/10/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2008282	10/10/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	260		cfu/g	10	2008282	10/10/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/25g		2008285	10/09/20	AOAC 2016.01	X

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 [†]	< LOQ		µg/kg	5.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Aflatoxin B2 [†]	< LOQ		µg/kg	5.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Aflatoxin G1 [†]	< LOQ		µg/kg	5.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Aflatoxin G2 [†]	< LOQ		µg/kg	5.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Deoxynivalenol [†]	< LOQ		µg/kg	200	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Fumonisin B1 [†]	< LOQ		µg/kg	200	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Fumonisin B2 [†]	< LOQ		µg/kg	200	2008477	10/13/20	AOAC 2007.01 & EN 15662	
HT2-Toxin [†]	< LOQ		µg/kg	40.0	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Nivalenol [†]	< LOQ		µg/kg	400	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Ochratoxin A [†]	< LOQ		µg/kg	5.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	2008477	10/13/20	AOAC 2007.01 & EN 15662	
T2-Toxin [†]	< LOQ		µg/kg	20.0	2008477	10/13/20	AOAC 2007.01 & EN 15662	
Zearalenone [†]	< LOQ		µg/kg	200	2008477	10/13/20	AOAC 2007.01 & EN 15662	



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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.

t = Analyte not NELAP accredited.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



IEH
Laboratories &
Consulting Group

CERTIFICATE OF ANALYSIS
Sentia Wellness - 19646 NE Sandy Blvd, Portland, OR 97230

Contact: Erin Harbacek
19646 NE Sandy Blvd
Portland, OR 97230
Phone: 785-280-1576

IEH Laboratories & Consulting Group
IEH-Lake Forest Park
15300 Bothell Way NE
Lake Forest Park, WA 98155
Phone: 206-522-5432 Fax: 206-524-4639
www.iehinc.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Contact: Sales Order #, Purchase Order # EH5.26.20
Phone: Samples Received: 5/28/2020 Report Date: 6/24/2020 Report No: LFP-224174

WO: 1156667

Lab Sample No	Customer Sample ID	Sample Desc	Customer Comments	Plant Identification (Melissa officinalis; Lemon Balm)	Plant Identification (Melissa officinalis; Lemon Balm) (%)	Plant Identification (Valeriana officinalis; Valerian root)	Plant Identification (Valeriana officinalis; Valerian root) (%)
1156667-001	Centian Lemon Balm	powder	Lot code: LB181114	Detected	4.00	NA	NA
1156667-002	Centian Valerian Root	powder	Lot code: VR20202302	NA	NA	Detected	2.18

Test Method: Plant Identification (Melissa officinalis; Lemon Balm) = Plant Identification (Melissa officinalis; Lemon Balm) Genetic Identification [MB541, MB558], Plant Identification (Melissa officinalis; Lemon Balm) = Plant Identification (Melissa officinalis; Lemon Balm) Genetic Identification [MB541, MB558] (Quantitative), Plant Identification (Valeriana officinalis; Valerian root) = Plant Identification (Valeriana officinalis; Valerian root) Genetic Identification [MB541, MB558], Plant Identification (Valeriana officinalis; Valerian root) = Plant Identification (Valeriana officinalis; Valerian root) Genetic Identification [MB541, MB558] (Quantitative)

Note Method Detection Limit (MDL) is 0.01%.

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

Authorized Analyst: Kristina Tenney