



### CERTIFICATE OF ANALYSIS

**Product:** CBD+SLEEP gummies (60ct)      **Product code:** FG000443  
**Lot number:** GMY-74  
**Manufacturing date:** 9/10/2020  
**Expiration date:** 11/10/2021

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 # 20-010283/D02.R00

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: 10/1/2020



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



**Report Number:** 20-010283/D04.R00  
**Report Date:** 10/01/2020  
**ORELAP#:** OR100028  
**Purchase Order:** testCode  
**Received:** 09/24/20 12:07

**Customer:** Sentia Wellness  
**Product identity:** CBD + Sleep 60ct Blackberry Mint GMY-74  
**Client/Metric ID:** .  
**Laboratory ID:** 20-010283-0002

**Summary**

**Potency:**

Analyte	Result	Limits	Units	Status		
CBD	0.267		%		CBD-Total (%)	0.267%
CBG†	0.00757		%			
Analyte per 1g	Result	Limits	Units	Status	CBD-Total per 1g	2.67 mg/1g
CBD per 1g	2.67		mg/1g			
CBG per 1g	0.0757		mg/1g		CBD-Total per 10g	26.7 mg/10g
Analyte per 10g	Result	Limits	Units	Status		
CBD per 10g	26.7		mg/10g		THC-Total (%)	<LOQ
CBG per 10g	0.757		mg/10g			(Reported in milligrams per serving)

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Analyte	Result	Limits	Analyte	Result	Limits
Arsenic	0.0209		Lead	0.00835	

**Microbiology:**

Less than LOQ for all analytes.

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**Purchase Order:** testCode  
**Received:** 09/24/20 12:07

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

**Product identity:** CBD + Sleep 60ct Blackberry Mint GMY-74

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 20-010283-0002

**Relinquished by:** Client

**Temp:** 20.8 °C

**Serving Size #1:** 1 g

**Serving Size #2:** 10 g

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2007953	Analyze: 9/25/20 11:22:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0032	
CBC-A <sup>1</sup>	< LOQ		%	0.0032	
CBC-Total <sup>1</sup>	< LOQ		%	0.0060	
CBD	0.267		%	0.0032	
CBD-A	< LOQ		%	0.0032	
CBD-Total	0.267		%	0.0060	
CBDV <sup>1</sup>	< LOQ		%	0.0032	
CBDV-A <sup>1</sup>	< LOQ		%	0.0032	
CBDV-Total <sup>1</sup>	< LOQ		%	0.0060	
CBG <sup>1</sup>	0.00757		%	0.0032	
CBG-A <sup>1</sup>	< LOQ		%	0.0032	
CBG-Total	0.00757		%	0.0060	
CBL <sup>1</sup>	< LOQ		%	0.0032	
CBN	< LOQ		%	0.0032	
Δ8-THC <sup>1</sup>	< LOQ		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	< LOQ		%	0.0060	
THCV <sup>1</sup>	< LOQ		%	0.0032	
THCV-A <sup>1</sup>	< LOQ		%	0.0032	
THCV-Total <sup>1</sup>	< LOQ		%	0.0060	
<b>Total Cannabinoids<sup>1</sup></b>	<b>0.275</b>		%		

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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2007875	09/27/20	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2007877	09/27/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2007877	09/27/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2007878	09/27/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2007878	09/27/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/25g		2007880	09/26/20	AOAC 2016.01	X

Solvents						Method EPA5021A						Units µg/g		Batch 2007889		Analyze 09/25/20 11:16 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 <sup>†</sup>	< 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															

<sup>†</sup>Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2007966 Analyze 09/28/20 02:57 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	
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		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	0.0209		mg/kg	0.00720	2008048	09/30/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.00720	2008048	09/30/20	AOAC 2013.06 (mod.)	X
Lead	0.00835		mg/kg	0.00720	2008048	09/30/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.00360	2008048	09/30/20	AOAC 2013.06 (mod.)	X

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**Mycotoxins**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 <sup>†</sup>	< LOQ		µg/kg	5.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Aflatoxin B2 <sup>†</sup>	< LOQ		µg/kg	5.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Aflatoxin G1 <sup>†</sup>	< LOQ		µg/kg	5.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Aflatoxin G2 <sup>†</sup>	< LOQ		µg/kg	5.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Deoxynivalenol <sup>†</sup>	< LOQ		µg/kg	200	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Fumonisin B1 <sup>†</sup>	< LOQ		µg/kg	200	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Fumonisin B2 <sup>†</sup>	< LOQ		µg/kg	200	2007951	09/28/20	AOAC 2007.01 & EN 15662	
HT2-Toxin <sup>†</sup>	< LOQ		µg/kg	40.0	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Nivalenol <sup>†</sup>	< LOQ		µg/kg	400	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Ochratoxin A <sup>†</sup>	< LOQ		µg/kg	5.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Ochratoxin B <sup>†</sup>	< LOQ		µg/kg	2.00	2007951	09/28/20	AOAC 2007.01 & EN 15662	
T2-Toxin <sup>†</sup>	< LOQ		µg/kg	20.0	2007951	09/28/20	AOAC 2007.01 & EN 15662	
Zearalenone <sup>†</sup>	< LOQ		µg/kg	200	2007951	09/28/20	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.

† = Analyte not NELAP accredited.

**Units of Measure**

/25g = Per 25g

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

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

mg/1g = Milligram per 1g

mg/10g = Milligram per 10g

% = Percentage of sample

% 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:**  
**Phone:**

**Sales Order #**

**Purchase Order #** EH5.26.20

WO: 1156667

**Samples Received:** 5/28/2020

**Report Date:** 6/24/2020

**Report No:** LFP-224174

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