



CERTIFICATE OF ANALYSIS

Product: CBD+SLEEP gummies (60ct) **Product code:** FG000443
Lot number: GMY-63
Manufacturing date: 8/4/2020
Expiration date: 10/4/2021

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 # 20-008560/D02.R00

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

Report # LFP-229912

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

Report # LFP-229912

Quality Manager: *Eric Harber* Date: 8.20.20



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



Report Number: 20-008560/D02.R00
Report Date: 08/20/2020
ORELAP#: OR100028
Purchase Order:
Received: 08/13/20 16:33

Customer: Sentia Wellness
Product identity: Blackberry Mint 60ct lot GMY-63
Client/Metric ID: .
Laboratory ID: 20-008560-0004

Sample Date: 08/13/20

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.325		%		CBD-Total (%) 0.325%
CBG [†]	0.00920		%		
Analyte per 1g	Result	Limits	Units	Status	CBD-Total per 1g 3.25 mg/1g
CBD per 1g	3.25		mg/1g		
CBG per 1g	0.0920		mg/1g		
Analyte per 10g	Result	Limits	Units	Status	CBD-Total per 10g 32.5 mg/10g
CBD per 10g	32.5		mg/10g		
CBG per 10g	0.920		mg/10g		
					THC-Total (%) <LOQ
(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	0.0138		Lead	0.00842	

Microbiology:

Less than LOQ for all analytes.



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Potency per 1g		Method J AOAC 2015 V98-6 (mod)		Batch: 2006706	Analyze: 8/16/20 2:34:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBD-Total per 1g	3.25		mg/1g	0.0610	
CBDV per 1g	< LOQ		mg/1g	0.0325	
CBDV-A per 1g	< LOQ		mg/1g	0.0325	
CBDV-Total per 1g	< LOQ		mg/1g	0.0607	
CBG per 1g	0.0920		mg/1g	0.0325	
CBG-A per 1g	< LOQ		mg/1g	0.0325	
CBG-Total per 1g	0.0920		mg/1g	0.0607	
CBL per 1g	< LOQ		mg/1g	0.0325	
CBN per 1g	< LOQ		mg/1g	0.0325	
Δ8-THC per 1g	< LOQ		mg/1g	0.0325	
Δ9-THC per 1g	< LOQ		mg/1g	0.0325	
THC-A per 1g	< LOQ		mg/1g	0.0325	
THC-Total per 1g	< LOQ		mg/1g	0.0610	
THCV per 1g	< LOQ		mg/1g	0.0325	
THCV-A per 1g	< LOQ		mg/1g	0.0325	
THCV-Total per 1g	< LOQ		mg/1g	0.0610	
Total Cannabinoids 1g¹	3.34		mg/1g		

Potency per 10g		Method J AOAC 2015 V98-6 (mod)		Batch: 2006706	Analyze: 8/16/20 2:34:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 10g	< LOQ		mg/10g	0.325	
CBC-A per 10g	< LOQ		mg/10g	0.325	
CBC-Total per 10g	< LOQ		mg/10g	0.610	
CBD per 10g	32.5		mg/10g	0.325	
CBD-A per 10g	< LOQ		mg/10g	0.325	
CBD-Total per 10g	32.5		mg/10g	0.610	
CBDV per 10g	< LOQ		mg/10g	0.325	
CBDV-A per 10g	< LOQ		mg/10g	0.325	
CBDV-Total per 10g	< LOQ		mg/10g	0.607	
CBG per 10g	0.920		mg/10g	0.325	
CBG-A per 10g	< LOQ		mg/10g	0.325	
CBG-Total per 10g	0.920		mg/10g	0.607	
CBL per 10g	< LOQ		mg/10g	0.325	
CBN per 10g	< LOQ		mg/10g	0.325	
Δ8-THC per 10g	< LOQ		mg/10g	0.325	
Δ9-THC per 10g	< LOQ		mg/10g	0.325	
THC-A per 10g	< LOQ		mg/10g	0.325	
THC-Total per 10g	< LOQ		mg/10g	0.610	
THCV per 10g	< LOQ		mg/10g	0.325	
THCV-A per 10g	< LOQ		mg/10g	0.325	
THCV-Total per 10g	< LOQ		mg/10g	0.610	
Total Cannabinoids 10g¹	33.4		mg/10g		



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2006767 Analyze 08/18/20 03:50 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		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	
Imazail	< 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	0.0138		mg/kg	0.00688	2006780	08/18/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.00688	2006780	08/18/20	AOAC 2013.06 (mod.)	X	
Lead	0.00842		mg/kg	0.00688	2006780	08/18/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.00344	2006780	08/18/20	AOAC 2013.06 (mod.)	X	

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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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
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TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

PO # AC 8.3.20	
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WO: 1160887 **Rec. Date: 8/6/2020 17:02** **Report Date: 8/14/2020** **Report No: LFP-229912**

Lab Sample No	Cust. Sample No	Sample Desc	Plant Identification (Melissa officinalis; Lemon Balm)	Plant Identification (Valeriana officinalis; Valerian root)
1160887-001	CBD+sleep Lot: WPGMY-103	gummies	Detected	Detected

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

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