

JOY™

ORGANICS

CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: THC-Free Phytocannabinoid-Rich Soft Gel, 10 mg per soft gel

PRODUCT CODE: GC-NO-10mg-BULK

LOT NUMBER: JP022219GC5 (Sales Order# TOSM-018-JH-A, Total of 240,000 soft gels)

BATCH NUMBER: GC1019-01

DATE OF MANUFACTURE: 25Jan2019

Expiration date is 18 months under sealed conditions at room temperature.

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Polysorbate Emulsifiers, Medium Chain Triglycerides (MCT oil), Beta Caryophyllene. **Gelatin Shell:** Bovine-derived Gelatin, Glycerin, Sorbitol and Water.

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Oval soft gelatin capsule	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Light Yellow	Conforms	QCU002
Cannabinoid Content ¹	10 mg total Phytocannabinoids per Soft Gel, (95 - 110% of target concentration), THC Not Detected	10.47 mg total Phytocannabinoids per Soft Gel, THC Not Detected	QCU001
Microbial Testing	Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g	Conforms	USP<2021

Package	Acceptance Criteria	Results
Primary Package	Container dedusted and wiped clean. Container caps screwed on tight	Conforms
Secondary Package	Carton Sturdy and clean. Sufficient cushion material exists. Carton taped on all sides	Conforms

Storage: Room Temperature, Protect from Light and Protect from Moisture

Prepared by:  Inspection Control, Folium Biosciences

Reviewed by:  Fulfillment, Folium Biosciences

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.

JOY[™]

ORGANICS

CERTIFICATE OF INTERNAL ANALYSIS

TYPE: THC-free Phytocannabinoid-Rich (PCR)
Soft Gel

BATCH No: GC1019-01

Date of Manufacture: 25Jan2019

Date of Analysis: 01Feb2019

Total Active PCR oil per Soft Gel: 10.47 mg

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	1.68	16.75
CBG	<0.03	<0.30
CBN	<0.03	<0.30
THC	ND**	ND**
CBC	<0.03	<0.30
THC-A	ND**	ND**
CBD-A	<0.03	<0.30
MAX THC	ND**	ND**
MAX CBD	1.68	16.75
TOTAL ACTIVE	1.68	16.75

Residual Solvents*:

Propane	Compliant with USP<467>	Pentane	Compliant with USP<467>
Isobutane	Compliant with USP<467>	Isopropanol	Compliant with USP<467>
Butane	Compliant with USP<467>	Hexane	Compliant with USP<467>
Ethanol	Compliant with USP<467>	Acetone	Compliant with USP<467>

Heavy Metals*:

Cadmium	Compliant with USP<233>
Lead	Compliant with USP<233>
Arsenic	Compliant with USP<233>
Mercury	Compliant with USP<233>

TERPENE RESULTS*:

	Wt. (%)		Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.1
β-Myrcene	0.5-2.0	α-Bisabolol	< 0.1
Calarene	0.5-1.5	p-Cymene	< 0.1
β-Caryophyllene	0.1-1.0	Linalool	< 0.1
α-Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
α-Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
α-Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	γ-Terpinene	< 0.1
Eucalyptol	0.1-0.2	δ-3-Carene	< 0.1

Pesticides*:

Acequinocyl	ND***	Spinosad	ND***
Pyrethrium	ND***	Spirotetramat	ND***
Spiromesifen	ND***	Bifenazate	ND***
Abamectin	ND***	Fenoxycarb	ND***
Imidacloprid	ND***	Paclobutrazol	ND***

Test ID: 2837843.005 and 2837843.006 by Botanacor

*Batches are sent out regularly for testing, not all batches tested

** ND = Not Detected using a validated high-performance liquid chromatography test method%

***Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

Batch Release:

Chemist: Zosha McKinney

Manager: Kathryn Sears

COPY

21Jan2019



This report cannot be used for ODA, OHA or OLCC compliance requirements.

This is an amended version of the report# 065557-00.
Reason: Results reported in mg/0.5ml (mg/0.5g).

Product identity: SG10 T011
Laboratory ID: 19-003076-0008

Client/Metric ID: .
Sample Date:

Summary

Potency:

Analyte per 0.5ml	Result	Limits	Units	LOQ	
CBD per 0.5ml	11.0		mg/0.5ml	0.0167	CBD-Total per 0.5ml 11.0 mg/0.5ml
CBDV per 0.5ml [†]	0.0805		mg/0.5ml	0.0167	THC-Total per 0.5ml < 0.031 mg/0.5ml

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Customer: My CBD Test
Product identity: SG10 T011
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-003076-0008
Relinquished by: Received By Mail
Temp: 15.2 °C
Serving Size #1: 0.5 g

Sample Results

Potency per 0.5ml		Batch: 1902539					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBC-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBC-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.0313	04/22/19	J AOAC 2015 V98-6	
CBD per 0.5ml	11.0		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBD-A per 0.5ml	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBD-Total per 0.5ml	11.0		mg/0.5ml	0.0313	04/22/19	J AOAC 2015 V98-6	
CBDV per 0.5ml [†]	0.0805		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBDV-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBDV-Total per 0.5ml [†]	0.0805		mg/0.5ml	0.0311	04/22/19	J AOAC 2015 V98-6	
CBG per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBG-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBG-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.0313	04/22/19	J AOAC 2015 V98-6	
CBL per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
CBN per 0.5ml	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
Δ8-THC per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
Δ9-THC per 0.5ml	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
THC-A per 0.5ml	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
THC-Total per 0.5ml	< LOQ		mg/0.5ml	0.0313	04/22/19	J AOAC 2015 V98-6	
THCV per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
THCV-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.0167	04/22/19	J AOAC 2015 V98-6	
THCV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.0311	04/22/19	J AOAC 2015 V98-6	

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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1902410	03/24/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1902410	03/24/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	10	1902424	03/24/19	AOAC 2014.05 (RAPID)	X
Yeast	< LOQ		cfu/g	10	1902424	03/24/19	AOAC 2014.05 (RAPID)	X

Pesticides

Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1902543 **Analyze** 03/27/19 09:10 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	
Bifentazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	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 (incl.	< 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		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	0.100	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							



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Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0470	1902493	03/25/19	AOAC 2013.06	X
Cadmium	< LOQ		mg/kg	0.0470	1902493	03/25/19	AOAC 2013.06	X
Lead	< LOQ		mg/kg	0.0470	1902493	03/25/19	AOAC 2013.06	X
Mercury	< LOQ		mg/kg	0.0235	1902493	03/25/19	AOAC 2013.06	X



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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

mg/kg = Milligram per kilogram

mg/0.5g = Milligram per 0.5g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager