



# JOY ORGANICS

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Joy Organics CBD Softgels  
**PRODUCT STRENGTH:** 25 mg  
**FILL LOT NUMBER:** 2020501  
**SOFTGEL LOT NUMBER:** [GC/ND2519-06](#)  
**BEST BY DATE:** 1/23/2022

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

### Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	Golden to Amber	PASS
Odor	SOP-100	N/A	PASS
Appearance	SOP-100	Dry, ovoid softgel capsules in container with lid and shrinkband	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrinkbands 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	25-31.25 mg CBD LOQ**: 10 PPM† (0.001%)	<a href="#">26.16mg</a>	PASS
<b>Potency - D9-THC</b>	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<a href="#">ND</a>	PASS
<b>Compliant Pesticide Panel</b>	SOP-111	WIP-100008 : Product specification for Softgels, Oregon Action limits apply	<a href="#">ND</a>	PASS
<b>Microbial - Total Plate Count</b>	SOP-111	Complies with USP 61/62	<a href="#">BELOW LOD</a>	PASS
<b>Microbial - Yeast and Mold</b>	SOP-111	Complies with USP 61/62	<a href="#">BELOW LOD</a>	PASS
<b>Microbial - Coliforms and bacteria (including ecoli and salmonella)</b>	SOP-111	Complies with USP 61/62	<a href="#">BELOW LOD</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="#">ND</a>	PASS

\*\* Level of Quantitation, † Parts Per Million

Quality Certified by: Darcie Moran  
 Darcie Moran  
 Manager of Quality Assurance

07.30.2020

Date

# CERTIFICATE OF INTERNAL ANALYSIS

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

BATCH No: GC/ND2519-06

Date of Manufacture: 17Jul2019

Date of Analysis: 18Jul2019

Total Active PCR oil per Soft Gel: 26.16mg

**POTENCY RESULTS:**

Cannabinoid	Wt. (%)	(mg/g)
CBD	4.04	40.35
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
CBDV	0.04	0.42
THCV	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	4.04	40.35
TOTAL ACTIVE	4.04	40.35

**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-Maaliene	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
α-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***	Paclbutrazol	ND***

Test ID: 0718192M

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

\*\*ND = Not Detected using a 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: Lena Johnson

Manager: Ashley Orosco

*[Signature]* 23Jul2019  
*[Signature]* 23Jul2019

COPY



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To: **Joy Organics**  
 5042 Technology Parkway, Suite 500  
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COA No.:	M-JO072720-01
COA Date:	08/03/20
Sample Rec'd Date:	07/27/20
ISO/IEC 17025:2017 Standard	Page 1 of 1

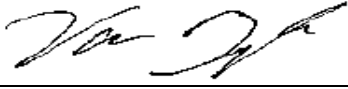
## MICROBIOLOGICAL CERTIFICATE OF ANALYSIS

**Sample Description:** (Sg25) Soft Gel Capsule 25 mg  
**Sample Batch/Lot No.:** 2020501  
**ACCU Laboratory Ref.:** 0781766  
**Purchase Order No.:** N/A  
**Test Method:** USP  
**Notes:** N/A

**Analysis:**

**Results:**

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

**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**

<b>File Name and Version:</b> LF-510-01 Certificate of Analysis – V. Micro v.03	<b>Effective Date:</b> 05/01/20	<b>Status:</b> Approved by Vano Baghdasarian
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