

# JOY<sup>™</sup>

## ORGANICS

### CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Soft Gel, 25 mg per soft gel

**PRODUCT CODE:** GCC3-NO-25mg-BULK

**LOT NUMBER:** EC083118GC1 (Sales Order# TOSM-006-JH, Total of 84,000 soft gels)

**BATCH NUMBER:** GCC32518-04

**DATE OF MANUFACTURE:** 31Aug2018

*Expiration date is 18 months under sealed conditions.*

**ACTIVE INGREDIENTS:** THC-Free Phytocannabinoid-Rich Hemp Oil, Curcumin

**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 or QAU005
Odor	Characteristic	Conforms	QCU002 or QAU005
Color	Dark Reddish Amber	Conforms	QCU002 or QAU005
Cannabinoid Content	25 mg total Phytocannabinoids per soft gel, THC Not Detected	25 mg total Phytocannabinoids per soft gel, THC Not Detected	QCU001 or QAU005
Curcumin Content	10 mg Curcumin per soft gel	10 mg Curcumin per soft gel	Eurofins Scientific K0203
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, Do not freeze or expose to excessive heat.

# JOY<sup>TM</sup>

## ORGANICS

### CERTIFICATE OF INTERNAL ANALYSIS

**BATCH No:** GC/C32518-04  
**TEST ID:** Botanacor ID: AP073018GC2\*\*  
**TYPE:** THC-free Phytocannabinoid-Rich (PCR) Soft Gel  
**DATE:** 20Aug2018  
**Total Active PCR oil per Soft Gel:** 27.27  
**Total Curcumin per Soft Gel:** 10.00\*\*\*

#### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	4.42	44.20
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	4.42	44.20
TOTAL ACTIVE	4.42	44.20

#### 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. (%)
$\beta$ -Bisabolene	< 0.1	Camphene	< 0.1
$\beta$ -Farnesene	< 0.1	E-Farnesene	< 0.1
Guaiol	< 0.1	Farnesol	< 0.1
$\beta$ -Maaliene	< 0.1	$\alpha$ -Bisabolol	< 0.1
Calarene	< 0.1	P-Cymene	< 0.1
$\beta$ -Caryophyllene	< 0.1	Linalool	< 0.1
$\alpha$ -Humulene	< 0.1	Myrcene	< 0.1
Cadinene	< 0.1	Phytol	< 0.1
$\alpha$ -Gurjunene	< 0.1	Isopulegol	< 0.1
d-Limonene	< 0.1	Terpinene	< 0.1
Nerolidol	< 0.1	Geraniol	< 0.1
$\alpha$ -Pinene	< 0.1	Myrcene	< 0.1
Aristolene	< 0.1	$\gamma$ -Terpinene	< 0.1
Eucalyptol	< 0.1	$\delta$ -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**

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

\*\* ND = Not Detected using a validated high-performance liquid chromatography test method, LOD = 0.03%








\*\*\* Batch was tested by Botanacor, test ID: AP073018GC2

\*\*\*\* Curcumin analysis by ABC Testing, test ID: GC/C32519-04



**INFUSED II LABORATORY REPORT**

Customer Name:	Triple C Ranch Ltd (Result Group)	Product Name:	CBD Softgels 25mg
Customer License:	403H-75142		Curcumin
Batch Number:	JOSG25C-18271	Product Type:	Solid Edible
METRC Tag:	1A4000712681366000000667	Sample ID:	297468
Instrument Name:	HPLC 1100	Date Received:	02/08/2019
		Test Date:	02/12/2019
		Report Date:	02/12/2019

ACIDIC COMPOUND mg/unit	NEUTRAL COMPOUND mg/unit	Conversion Ratio <sup>1</sup>
<b>CBDVA</b> ND*	<b>CBDV</b> ND*	 <b>CBDV</b> NR*
<b>THCVA</b> ND*	<b>THCV</b> ND*	 <b>THCV</b> NR*
<b>CBDA</b> ND*	<b>CBD</b> 25.29	 <b>CBD</b> 100%
<b>THCA</b> ND*	<b>THC</b> ND*	 <b>THC</b> NR*
<b>CBCA</b> ND*	<b>CBC</b> ND*	 <b>CBC</b> NR*
<b>CBGA</b> ND*	<b>CBG</b> ND*	 <b>CBG</b> NR*
<b>CBNA</b> ND*	<b>CBN</b> ND*	 <b>CBN</b> NR*

Notes:

\* None Reported (NR) because the compound exists at or below the limit of quantitation but above the limit of detection.

\* None Detected (ND) because the compound exists at or below the limit of detection.

\* Potency (SOP 020)

\* Sample Condition deemed acceptable upon receipt by Phytatech. Sampling done by outside party.

\* Units of % are (mass/mass) and reflect numbers as a fraction of 100.

<sup>1</sup> Conversion ratio indicates the amount of neutral cannabinoid compared directly to its acidic counterpart. A number close to 1 means a high neutral content. A number close to 0 indicates a high acidic cannabinoid content.



**Stephen Goldman**  
 Laboratory Director



**PESTICIDES LABORATORY REPORT**

Customer Name:	Triple C Ranch Ltd (Result Group)	Product Name:	CBD Softgels 25mg Curcumin
Customer License:	403H-75142	Product Type:	Solid Edible
Batch Number:	JOSG25C-18271	Sample ID:	297468
METRC Tag:	1A4000712681366000000667	Date Received:	02/08/2019
Instrument Name:	HPLC 1050	Test Date:	02/12/2019
		Report Date:	02/12/2019

PESTICIDE	ppb
■ Abamectin	ND*
■ Avermectin B1b	ND*
■ Azoxystrobin	ND*
■ Bifenazate	ND*
■ Etoxazole	ND*
■ Imazalil	ND*
■ Imidacloprid	ND*
■ Malathion A	ND*
■ Myclobutanil	ND*
■ Cis Permethrin	ND*
■ Trans Permethrin	ND*
■ Spinosyn A	ND*
■ Spinosyn D	ND*
■ Spiromesifen	ND*
■ Spirotetramat	ND*
■ Tebuconazole	ND*

Notes:

\* None Reported (NR) because the compound exists at or below the detection limit of the method.

\* None Detected (ND) because the compound was not detected.






**Stephen Goldman**  
Laboratory Director



**MICROBIAL LABORATORY REPORT**

Customer Name:	Triple C Ranch Ltd (Result Group)	Product Name:	CBD Softgels 25mg Curcumin
Customer License:	403H-75142	Product Type:	Solid Edible
Batch Number:	JOSG25C-18271	Sample ID:	297468
METRC Tag:	1A4000712681366000000667	Date Received:	02/08/2019
Instrument Name:	Microbial Lab	Test Date:	02/12/2019
		Report Date:	02/12/2019

MICROBIAL CONTAMINATION \*

	STEC	ND
	Salmonella	ND
	Total Yeast & Molds	ND cfu/g

Notes:

- \* None Detected (ND) because the compound was not detected.
- \* Microbial Contamination (SOPs 029, 030, 039)
- \* Sample Condition deemed acceptable upon receipt by PhytaTech. Sampling done by outside party.
- \* E. coli & Salmonella measured using qPCR. Total Yeast & Mold (TYMC) is a plating technique. The regulatory limit for TYMC is 10,000 cfu/g or 10<sup>4</sup>. CFU/g = colony forming unit per gram.

  
**Stephen Goldman**  
Laboratory Director



# PHYTATECH™

## M E T R I C S & S O L U T I O N S

879 Federal Blvd.  
 Denver, CO 80204  
 303-427-2379  
 DOR#: 405R-00011 & 405-00008  
 info@phytatech.com

Date Received: 02.08.2019  
 Date Lab Test: 02.12.2019  
 Date Reported: 02.13.2019

Company Name: Triple C Ranch Ltd  
 Company License: 403H-75142  
 Sample Type: Tinctures & Softgels

\*ND: None Detected or below reportable threshold  
 All data in the following table is in parts per million (ppm).

Sample	Sample	METRC #	Arsenic	Lead	Cadmium	Mercury
500 Natural	297460	00659	ND	ND	ND	ND
500 Orange	297461	00660	ND	ND	ND	ND
1000 Natural	297462	00661	ND	ND	ND	ND
10 mg softgels	297463	00662	ND	ND	ND	ND
1000 Natural	297464	00663	ND	ND	ND	ND
500 Lemon	297465	00664	ND	ND	ND	ND
25 mg Melatonin softgels	297466	00665	ND	ND	ND	ND
25 mg softgels	297467	00666	ND	ND	ND	ND
25 mg Curcumin softgels	297468	00667	ND	ND	ND	ND
1500 Tranquil Mint	297469	00668	ND	ND	ND	ND
1000 Tranquil Mint	297470	00669	ND	ND	ND	ND
1500 Tranquil Mint	297471	00670	ND	ND	ND	ND

NOTES: The State of Colorado mandates the following levels for heavy metals: Lead (1 ppm), Arsenic (0.4 ppm), Cadmium (0.4 ppm), and Mercury (0.2 ppm). This testing is for R&D purposes only.