

# JOY<sup>TM</sup>

## ORGANICS

### Certificate of Quality Assurance

**Product Name:** CBD Vape Oil

**Lot #:** 0426191

**Batch #:** 042619JV1

**Date of Manufacture:** 04/26/19

**Active Ingredients:** THC-Free Phytocannabinoid-Rich Hemp Oil, Natural Terpenes

**Inactive Ingredients:** Organic Fractionated Coconut Oil

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Amber color with with good clarity. Oil is not opaque.	Conforms	QC0002
Odor	Light pine scent with hints of citrus	Conforms	QC0002
Color	Amber	Conforms	QC0002
Dissolution	Oil is homogenous. Good clarity and not cloudy	Conforms	QC0002
Cannabinoid Content	40% cannabinoids	43.1% CBD, 0%THC Conforms	QC0001
Microbial Testing	Total Aerobic Count <2000 CFU	Conforms	QC0003

Package	Acceptance Criteria	Results
Primary Package	Container is clean on the outside and cap screwed on tight. No cracks or breaks.	Conforms
Secondary Package	Sturdy and clean. Not ripped, punctured, or torn.	Conforms

## CERTIFICATE OF INTERNAL ANALYSIS

**TYPE:** Phytocannabinoid-Rich Hemp Oil/ THC-free **TERPENE RESULTS\*:**

**BATCH No:** CONO19-43

**Date of Manufacture:** 08Mar2019

**Date of Analysis:** 22Mar2019

### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	85.03	850.27
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	85.03	850.27
TOTAL ACTIVE	85.03	850.27

### 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>

	Wt. (%)		Wt. (%)
$\beta$ -Bisabolene	1.0-3.0	Camphene	0.1-0.2
$\beta$ -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
$\beta$ -Maaliene	0.5-2.0	$\alpha$ -Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
$\beta$ -Caryophyllene	0.1-1.0	Linalool	< 0.1
$\alpha$ -Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
$\alpha$ -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
$\alpha$ -Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	$\gamma$ -Terpinene	< 0.1
Eucalyptol	0.1-0.2	$\delta$ -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: 0322195A

\*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)

**SPECIAL NOTE:** Process enhancement has recently been implemented to remove excess pigmentation from the oil due to customer requests. While the color of the future oil batches will be golden to light amber, its composition and the broad spectrum characteristics remain unchanged.

**Batch Release:**



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

**Product identity:** Vape: 042619JV1  
**Laboratory ID:** 19-004692-0001

**Client/Metric ID:** .  
**Sample Date:**

**Summary**

**Potency:**

Analyte per 1g	Result	Limits	Units	LOQ	
CBD per 1g	431		mg/1g	1.00	CBD-Total per 1g 431 mg/1g
CBDV per 1g <sup>†</sup>	6.53		mg/1g	1.00	THC-Total per 1g < 1.880 mg/1g
					(Reported in milligrams per serving)

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Less than LOQ for all analytes.



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

**Customer:** My CBD Test  
**Product identity:** Vape: 042619JV1  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 19-004692-0001  
**Relinquished by:** Received By Mail  
**Temp:** 20 °C  
**Weight Received:** 6 g  
**Serving Size #1:** 1 g

### Sample Results

Potency per 1g		Batch: 1903748					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBC-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBC-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.88	05/01/19	J AOAC 2015 V98-6	
CBD per 1g	431		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBD-A per 1g	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBD-Total per 1g	431		mg/1g	1.88	05/01/19	J AOAC 2015 V98-6	
CBDV per 1g <sup>†</sup>	6.53		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBDV-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBDV-Total per 1g <sup>†</sup>	6.53		mg/1g	1.87	05/01/19	J AOAC 2015 V98-6	
CBG per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBG-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBG-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.88	05/01/19	J AOAC 2015 V98-6	
CBL per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
CBN per 1g	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
Δ8-THC per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
Δ9-THC per 1g	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
THC-A per 1g	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
THC-Total per 1g	< LOQ		mg/1g	1.88	05/01/19	J AOAC 2015 V98-6	
THCV per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
THCV-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	05/01/19	J AOAC 2015 V98-6	
THCV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.87	05/01/19	J AOAC 2015 V98-6	



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

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1903758 Analyze 04/30/19 04:53 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	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantranilprole	< 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		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	0.100	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							

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0496	1903829	05/02/19	AOAC 2013.06	X	
Cadmium	< LOQ		mg/kg	0.0496	1903829	05/02/19	AOAC 2013.06	X	
Lead	< LOQ		mg/kg	0.0496	1903829	05/02/19	AOAC 2013.06	X	
Mercury	< LOQ		mg/kg	0.0248	1903829	05/02/19	AOAC 2013.06	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 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.



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



**Job Number:** 19-004692  
**Report Number:** 19-004692-00  
**Report Date:** 05/02/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/29/19 07:30

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

Sample condition: leak

Sample was leaking when we received it in the mail. Client to send additional sample for microbial testing.



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

**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**

g = Gram

mg/kg = Milligram per kilogram

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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

**Customer:** My CBD Test  
  
**Product identity:** Vape: 042619JV1  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 19-004878-0001  
**Temp:** 22.9 °C  
**Relinquished by:** Received by mail

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1903815	05/04/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1903815	05/04/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	10	1903822	05/04/19	AOAC 2014.05 (RAPID)	X
Yeast	< LOQ		cfu/g	10	1903822	05/04/19	AOAC 2014.05 (RAPID)	X





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

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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.

**Units of Measure**

cfu/g = Colony forming units per gram

% wt =  $\mu\text{g/g}$  divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

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Derrick Tanner  
General Manager