



CV SCIENCES™

Certificate of Analysis  
September 3, 2020

**Sample ID:** FP-20-0569  
**Product name:** ProCBD Liquid - Peppermint  
**Batch/Lot#:** 07349224  
**Strength:** 1.86 fl. oz 2000mg - 25mg per serving  
**Expiration:** 08/22  
**Analyst:** HP



<u>Physical properties</u>	<u>Result</u>	<u>Method</u>
Appearance	Pass	Organoleptic
Color	Pass	Organoleptic
Aroma	Pass	Organoleptic
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>
CBD	<b>2033.80</b>	HPLC
CBDV	9.68	HPLC
CBDA	ND	HPLC
CBGA	51.96	HPLC
CBG	ND	HPLC
CBN	ND	HPLC
Δ <sup>9</sup> -THC	13.27	HPLC
CBC	ND	HPLC
THCA	26.10	HPLC
<b>Total cannabinoids:</b>	<b>2134.8 mg</b>	
<b>Sample size:</b>	<b>49.50 g</b>	
<b>THC by mass:</b>	<b>0.0268 %</b>	

ND = NOT DETECTED

*Hayley Palmer*

SEP 03 2020

*Vandana Kothari*

SEP 08 2020

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
Hayley Palmer, B.S.  
QC Lab Assistant

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
Vandana Kothari, M.S., B.Pharm.  
QC Supervisor

This Certificate of Analysis has been generated to document product test results. The "Reviewed By" signature does not indicate finished product release for distribution.



# Certificate of Analysis

CV Sciences, Inc.

10070 Barnes Canyon Road  
San Diego, CA 92121  
Vandana Kothari

Sample

2008DBL0387.8332

Batch FP-20-0569

Lot 7349224

Ordered 9/1/2020

Completed 9/4/2020

ProCBD Liquid - 25mg Peppermint 1.86 fl. oz 2000mg EXP: 08/22

## Cannabinoids

<b>2108.77</b>	<b>4.26</b>	<b>50</b>
Total CBD (mg/unit)	% Total CBD	Unit weight (g)
Cannabinoid	LOQ %	Mass % Mass mg/g Concentration
CBD	0.06	4.26 42.6
CBDA	0.06	<LOQ <LOQ
d9-THC	0.06	<LOQ <LOQ
THCA-A	0.06	<LOQ <LOQ
d8-THC	0.06	<LOQ <LOQ
THCV	0.06	<LOQ <LOQ
CBDV	0.06	<LOQ <LOQ
CBDVA	0.06	<LOQ <LOQ
CBGA	0.06	<LOQ <LOQ
CBG	0.06	<LOQ <LOQ
CBN	0.06	<LOQ <LOQ
CBC	0.06	<LOQ <LOQ
CBL	0.06	<LOQ <LOQ

## Pesticides/Plant Growth Regulators

Pesticides	Status	Sample (PPB)	LOQ (PPB)
Acequinocyl	PASS	<LOQ	10
Abamectin	PASS	<LOQ	10
Bifenazate	PASS	<LOQ	10
Fenoxycarb	PASS	<LOQ	10
Fludioxonil	PASS	<LOQ	10
Imidacloprid	PASS	<LOQ	10
Myclobutanil	PASS	<LOQ	10
Pyrethrin	PASS	<LOQ	10
Spinosad	PASS	<LOQ	10
Spiromesifen	PASS	<LOQ	10
Spirotetramat	PASS	<LOQ	10
Tebuconazole			
Plant Growth Regulators			
Daminozide	PASS	<LOQ	10

## Residual Solvents

Compound	Status	Limit (PPM)
Propane	PASS	500
Methanol	PASS	500
Isobutane	PASS	500
Ethanol	PASS	500
Isopropanol	PASS	500
Isopentane	PASS	500
n-Butane	PASS	500
n-Hexane	PASS	500
2,2-Dimethylbutane	PASS	500
3-Methylpentane	PASS	500
2-Methylpentane	PASS	500
Cyclohexane	PASS	500
Neopentane	PASS	500
n-Heptane	PASS	500
n-Pentane	PASS	500
Benzene	PASS	500

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
Mold/Mildew/Yeast	Pass/Fail PASS	CFU/g <LOQ	CFU/g 90	CFU/g 10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	1,000
Qualitative Analysis		Detected or Not-detected		
E. Coli	PASS		Not-detected	
Salmonella	PASS		Not-detected	
Pseudomonas	PASS		Not-detected	

## Heavy Metals

Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	57	57	1500
Cadmium	PASS	<LOQ	57	500
Mercury	PASS	101	57	1000
Lead	PASS	<LOQ	57	500

1. The hemp extract is the product of a batch tested by the independent testing laboratory.  
2. The batch contained a total delta-9-tetrahydrocannabinol concentration that did not exceed 0.3 percent pursuant to the testing of a random sample of the batch; and  
3. The batch does not contain contaminants unsafe for human consumption.\*



*Stacy Gardelen*

Stacy Gardelen  
Director

*Gien Marquez*

Gien Marquez  
Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein.\* Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.