

Certificate of Analysis  
 March 7, 2018

**Sample ID:** FP-18-0195  
**Product name** Plus cbd oil raw drops peppermint  
**Batch/Lot#:** 8052330  
**Strength:** 2oz 500mg

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	<u>Pass</u>	Organoleptic	OM
Color	<u>Pass</u>	Organoleptic	OM
Aroma	<u>Pass</u>	Organoleptic	OM
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	<b>234.40</b>	HPLC	OM
CBDV	5.46	HPLC	OM
CBDA	268.94	HPLC	OM
CBG	4.61	HPLC	OM
CBGA	0.00	HPLC	OM
CBC	17.88	HPLC	OM
CBN	0.00	HPLC	OM
$\Delta^9$ -THC	8.30	HPLC	OM
THCA	0.00	HPLC	OM
<b>Total CBD/CBDA</b>	<b>503.35 mg</b>		
<b>Total cannabinoids:</b>	<b>539.6 mg</b>		
<b>Sample size:</b>	<b>54 g</b>		
<b>THC by mass:</b>	<b>0.0154 %</b>		

*Oswaldo Marinotti* 07 MAR 2018  
 Analyst Date

*DM*  
**MAR 07 2018**  
 Reviewed By Date

Oswaldo Marinotti, PhD  
 Senior Biochemist

Dalia Chandler, M.S., B.S.  
 QA/QC Manager



# Certificate of Analysis

CV Sciences

2688 South Rainbow Blvd.  
Las Vegas, NV 89146

Sample

1803DBL0020.1628

Batch FP-18-0195

Lot 8052330

Ordered 3/6/2018

Completed 3/9/2018

## Plus cbd oil 2oz 500mg raw drops peppermint

Cannabinoids			
	<b>452</b>	<b>0.84</b>	<b>54</b>
Total CBD (mg/unit)		% Total CBD	Unit Weight (g)
Cannabinoid	Mass %	Mass mg/g	
CBD	0.41	4.14	
CBDA	0.42	4.23	
d9-THC	ND	ND	
THCA-A	ND	ND	
d8-THC	ND	ND	
THCV	ND	ND	
CBDV	ND	ND	
CBDVA	ND	ND	
CBGA	ND	ND	
CBG	ND	ND	
CBN	ND	ND	
CBC	ND	ND	
CBL	ND	ND	

Total CBD = CBDA + CBD

Pesticides/PGR*		
Compound	Result	LOQ
	PPM	PPM
Acequinocyl	ND	0.50
Abamectin	ND	0.20
Bifenazate	ND	0.10
Daminozide	ND	0.10
Fenoxycarb	ND	0.10
Fludioxonil	ND	0.20
Imidacloprid	ND	0.05
Myclobutanil	ND	0.10
Pyrethrin	ND	0.10
Spinosad	ND	0.10
Spiromesifen	ND	0.10
Spirotetramat	ND	0.05

Microbiology		
Compound	Result	LOQ
	CFU/g	CFU/g
Mold/Mildew/Yeast	ND	110
Aerobic Bacteria	ND	1100
Coliforms	ND	110
Pseudomonas	ND	ND
E. Coli	ND	ND
Salmonella	ND	ND

\*TNC = Too Numerous to Count, \*\*ND = Not Detected

Residual Solvents		
Compound	Result	Spec Limit
	PPM	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

Heavy Metals		
Compound	Result	LOQ
	PPM	PPM
Arsenic	ND	0.05
Cadmium	ND	0.05
Mercury	ND	0.05
Lead	ND	0.05

Pseudomonas is outside of our ISO/IEC 17025:2015 accreditation

Stacy Gardalen  
Director

Glen Marquez  
Quality Control

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. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

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