

Certificate of Analysis  
 July 30, 2018

**Sample ID:** FP-18-0811  
**Product name** Plus cbd oil raw drops peppermint  
**Batch/Lot#:** 8187330  
**Strength:** 2oz 500mg  
**Expiration:** 07/20

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	217.33	HPLC	VK
CBDV	7.18	HPLC	VK
CBDA	339.13	HPLC	VK
CBG	4.05	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	17.88	HPLC	VK
CBN	3.47	HPLC	VK
Δ <sup>9</sup> -THC	9.19	HPLC	VK
THCA	12.85	HPLC	VK
<b>Total CBD/CBDA</b>	<b>556.47 mg</b>		
<b>Total cannabinoids:</b>	<b>611.1 mg</b>		
<b>Sample size:</b>	<b>54 g</b>		
<b>THC by mass:</b>	<b>0.0170 %</b>		

  
 JUL 30 2018

  
 JUL 31 2018

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 Analyst Date  
 Vandana Kothari, M.S., B.Pharm.  
 Analytical Chemist

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 Reviewed By Date  
 Dalia Chandler, M.S., B.S.  
 QA/QC Manager



AMENDED

# Certificate of Analysis

CV Sciences

2688 South Rainbow Blvd

Las Vegas, NV 89146

Sample

1807DBL0130.4154

Batch fp-18-0811

Lot 8187330

Ordered 7/28/2018

Completed 8/3/2018

plus cbd oil 2oz 500mg raw hemp drops peppermint exp 07/20

Cannabinoids		
479.1	0.89	54
Total CBD (mg/unit)	% Total CBD	Unit Weight (g)
Cannabinoid	Mass %	Mass mg/g
CBD	0.36	3.58
CBDA	0.53	5.29
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	100
Aerobic Bacteria	ND	1000
Coliforms	ND	100
Pseudomonas	ND	1
E. Coli	ND	1
Salmonella	ND	1
*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	0.08	0.05
Cadmium	ND	0.05
Mercury	ND	0.05
Lead	ND	0.05

Updated lot number per customer request.

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 (IMME# 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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