



**Certificate of Analysis**  
June 28, 2018

**Sample ID:** FP-18-0647  
**Product name** Plus cbd oil ps80 free spray peppermint  
**Batch/Lot#:** 8162319  
**Strength:** 2oz 500mg  
**Expiration:** 06/20

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	VK
Color	Pass	Organoleptic	VK
Aroma	Pass	Organoleptic	VK
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
<b>CBD</b>	<b>463.87</b>	HPLC	VK
CBDV	6.41	HPLC	VK
CBDA	102.81	HPLC	VK
CBG	4.60	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	20.20	HPLC	VK
CBN	0.00	HPLC	VK
Δ <sup>9</sup> -THC	29.27	HPLC	VK
THCA	0.00	HPLC	VK
<b>Total CBD/CBDA</b>	<b>11.0 mg</b>		
<b>Sample size:</b>	<b>54 g</b>		
<b>THC by mass:</b>	<b>0.0542 %</b>		

*Kothari*  
JUN 28 2018

*Chandler*  
JUN 29 2018

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

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



# Certificate of Analysis

CV Sciences

2688 South Rainbow Blvd  
Las Vegas, NV, 89146

AMENDED (2)

Batch FP-18-0647

Lot 8162319

Ordered 6/28/2018

Sample

1806DBL0146.3799

Completed 7/5/2018

Plus CBD Oil 2oz 500mg Peppermint Spray PS80 Free EXP 06/20

Cannabinoids		
446.2	0.83	54
Total CBD (mg/unit)	% Total CBD	Unit Weight (g)
Cannabinoid	Mass %	Mass mg/g
CBD	0.83	8.26
CBDA	0.17	1.71
d9-THC	0.08	0.80
THCA-A	ND	ND
d8-THC	ND	ND
THCV	ND	ND
CBDV	0.17	1.75
CBDVA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBN	ND	ND
CBC	0.06	0.59
CBL	ND	ND

Pesticides/PGR*		
Compound	Result	LOQ
Acequinocyl	PPM ND	PPM 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	90
Aerobic Bacteria	ND	900
Coliforms	ND	9
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 17025:2005 accreditation

*Stacy Gardalen*

Stacy Gardalen  
Director

*Glen Marquez*

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 (MMER 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.



4439 Polaris Ave.  
Las Vegas, NV 89103  
(702)729-5180  
www.dblabslv.com