

## Certificate of Analysis

April 30, 2018

**Sample ID:** FP-18-0384

**Product name** Plus CBD oil spray peppermint PS80 free

**Batch/Lot#:** 8106319

**Strength:** 2 oz 500 mg

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	OM
Color	Pass	Organoleptic	OM
Aroma	Pass	Organoleptic	OM
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	481.14	HPLC	OM
CBDV	8.23	HPLC	OM
CBDA	71.64	HPLC	OM
CBG	6.35	HPLC	OM
CBGA	0.00	HPLC	OM
CBC	23.74	HPLC	OM
CBN	3.20	HPLC	OM
Δ <sup>9</sup> -THC	24.28	HPLC	OM
THCA	0.00	HPLC	OM

**Total cannabinoids:** 618.6 mg

**Sample size:** 54 g

**THC by mass:** 0.0450 %

Oswaldo Marinotti 30 APR 2018  
 Analyst Date

*DA*  
 MAY 01 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

**1804DBL0175.2694**

Batch FP-18-0384

Lot 8106319

Ordered 4/30/2018

Completed 5/4/2018

## Plus CBD Oil 2oz 500mg PS80 Free Peppermint

### Cannabinoids

442.5		0.82		54	
Total CBD (mg/unit)		% Total CBD		Unit Weight (g)	
Cannabinoid	Mass %	Mass mg/g			
CBD	0.82	8.19			
CBDA	0.12	1.16			
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			

### 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	0
Aerobic Bacteria	ND	900
Coliforms	ND	90
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

Pseudomonas is outside of our ISO/IEC 17025:2005 accreditation

### Heavy Metals

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

*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 (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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