

Certificate of Analysis  
 May 22, 2018

**Sample ID:** FP-18-0484  
**Product name** Plus cbd oil ps80 free unflavored spray  
**Batch/Lot#:** 8130318  
**Expiration:** 05/20  
**Strength:** 1oz 100mg

<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>
CBD	102.22	HPLC	VK
CBDV	2.49	HPLC	VK
CBDA	2.11	HPLC	VK
CBG	2.50	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	4.35	HPLC	VK
CBN	0.00	HPLC	VK
$\Delta^9$ -THC	3.77	HPLC	VK
THCA	0.00	HPLC	VK
<b>Total cannabinoids:</b>	<b>117.4 mg</b>		
<b>Sample size:</b>	<b>27 g</b>		
<b>THC by mass:</b>	<b>0.0140 %</b>		

*Vandana Kothari*  
 MAY 22 2018

*Dalia Chandler*  
 MAY 25 2018

Analyst \_\_\_\_\_ Date \_\_\_\_\_

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_

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

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



# Certificate of Analysis

CV Sciences

2688 South Rainbow Blvd.  
Las Vegas, NV 89146

Sample

1805DBL0138.3174

Batch FP-18-0484

Lot 8130318

Ordered 5/23/2018

Completed 5/26/2018

## Plus CBD Oil 1oz 100mg Unflavored Spray PS80 Free

### Cannabinoids

**102.2**                      **0.38**                      **27**  
Total CBD (mg/unit)                      % Total CBD                      Unit Weight (g)

Cannabinoid	Mass %	Mass mg/g
CBD	0.38	3.79
CBDVA	ND	ND
CBDA	ND	ND
d9-THC	ND	ND
THCA-A	ND	ND
d8-THC	ND	ND
THCV	ND	ND
CBDV	ND	ND
CBGVA	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	90
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	0.06
Cadmium	ND	0.06
Mercury	ND	0.06
Lead	ND	0.06

Stacy Gardalen

Glen Marquez

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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