

## Certificate of Analysis

March 1, 2018

**Sample ID:** FP-18-0154  
**Product name** Plus cbd oil spray unflavored  
**Batch/Lot#:** 8045326  
**Strength:** 2oz 500mg

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	<u>Passes</u>	Organoleptic	VK
Color	<u>Passes</u>	Organoleptic	VK
Aroma	<u>Passes</u>	Organoleptic	VK

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
<b>CBD</b>	<b>498.53</b>	HPLC	VK
CBDV	7.20	HPLC	VK
CBDA	74.52	HPLC	VK
CBG	7.17	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	22.22	HPLC	VK
CBN	0.00	HPLC	VK
$\Delta^9$ -THC	30.26	HPLC	VK
THCA	0.00	HPLC	VK

**Total cannabinoids:** **639.9 mg**

**Sample size:** **54 g**

**THC by mass:** **0.0560 %**

  
 MAR 01 2018

  
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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

1802DBL0134.1406

Batch FP-18-0154

Lot 8045326

Ordered 2/23/2018

Completed 3/1/2018

## Plus CBD Oil 2oz 500mg Unflavored Spray

### Cannabinoids

460		0.85		54	
Total CBD (mg/unit)		% Total CBD		Unit Weight (g)	
Cannabinoid	Mass %	Mass mg/g			
CBD	0.85	8.47			
CBDa	0.10	1.01			
d9-THC	0.05	0.52			
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

### 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 17025:2015 accreditation

### Microbiology

Compound	Result	LOQ
	CFU/g	CFU/g
Mold/Mildew/Yeast	ND	70
Aerobic Bacteria	ND	700
Coliforms	ND	70
Pseudomonas	ND	ND
E. Coli	ND	ND
Salmonella	ND	ND

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

### Heavy Metals

Compound	Result	LOQ
	PPM	PPM
Arsenic	ND	0.04
Cadmium	ND	0.04
Mercury	ND	0.04
Lead	ND	0.04

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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