

**Certificate of Analysis**  
 June 4, 2019

**Sample ID:** FP-19-0638  
**Product name:** Plus CBD Oil Decarboxylated Hemp Softgels  
**Batch/Lot#:** D19018-1-30  
**Strength:** 10mg 30ct  
**Expiration:** 04/21

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	HP
Color	Pass	Organoleptic	HP
Aroma	Pass	Organoleptic	HP

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
<b>CBD</b>	<b>9.84</b>	HPLC	HP
CBDV	0.04	HPLC	HP
CBDA	0.00	HPLC	HP
CBG	0.14	HPLC	HP
CBGA	0.00	HPLC	HP
CBC	0.69	HPLC	HP
CBN	0.00	HPLC	HP
Δ <sup>9</sup> -THC	0.25	HPLC	HP
THCA	0.00	HPLC	HP

**Total cannabinoids:** 11.0 mg  
**Sample size:** 0.42 g (1 softgel)  
**THC by mass:** 0.0601 %

*Hayley Palmer*

JUN 04 2019

*Vandana Kothari*

JUN 07 2019

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
 Hayley Palmer, B.S.  
 QC Lab Assistant

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
 Vandana Kothari, M.S., B.Pharm.  
 QC Supervisor



# Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas NV 89146

Dalia Chandler

Sample

1905DBL0358.5177

Batch FP-19-0638

Lot D19018-1-30

Ordered 6/3/2019

Completed 6/6/2019

FP-19-0638 Plus CBD Oil 10mg 30ct Decarboxylated Hemp Softgels EXP: 04/21

## Cannabinoids

	9.42	2.22	0.42
Total CBD (mg/unit)			
	% Total CBD		Unit weight (g)
Cannabinoid	LOQ %	Mass %	Mass Concentration mg/g
CBD	0.01	2.22	22.22
CBDA	0.01	<LOQ	<LOQ
d9-THC	0.01	0.04	0.41
THCA-A	0.01	<LOQ	<LOQ
d8-THC	0.01	<LOQ	<LOQ
THCV	0.01	<LOQ	<LOQ
CBDV	0.01	0.04	0.41
CBDVA	0.01	<LOQ	<LOQ
CBGA	0.01	<LOQ	<LOQ
CBG	0.01	0.03	0.30
CBN	0.01	<LOQ	<LOQ
CBC	0.01	0.09	0.94
CBL	0.01	<LOQ	<LOQ

Total CBD = CBDA + CBD

## Pesticides/Plant Growth Regulators

Pesticides	Status	Sample (PPB)	LOQ (PPB)
Acequinocyl	PASS	<LOQ	10
Abamectin	PASS	<LOQ	10
Bifenazate	PASS	<LOQ	10
Fenoxycarb	PASS	<LOQ	10
Fludioxonil	PASS	<LOQ	10
Imidacloprid	PASS	<LOQ	10
Myclobutanil	PASS	<LOQ	10
Pyrethrin	PASS	<LOQ	10
Spinosad	PASS	<LOQ	10
Spiromesifen	PASS	<LOQ	10
Spirotetramat	PASS	<LOQ	10

  

Plant Growth Regulators			
Daminozide	PASS	<LOQ	10

## Residual Solvents

Compound	Status	Limit (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

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	80	10,000
Enterobacteriaceae	PASS	<LOQ	80	1,000
Aerobic Bacteria	PASS	<LOQ	800	100,000
Coliforms	PASS	<LOQ	80	1,000

  

Qualitative Analysis	Detected or Not-detected			
E. Coli	PASS			Not-detected
Salmonella	PASS			Not-detected
Pseudomonas	PASS			Not-detected

## Heavy Metals

Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	184	24	2000
Cadmium	PASS	<LOQ	24	820
Mercury	PASS	<LOQ	24	400
Lead	PASS	<LOQ	24	1200



*Stacy Gardalen*

Stacy Gardalen  
Director

*Glen Marquez*

Glen Marquez  
Quality Control



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

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 (MMEL# 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.