



CV SCIENCES™

Certificate of Analysis
July 31, 2020

Sample ID: FP-20-0517
Product name: Plus CBD Oil Decarboxylated
Hemp Spray PS80 Free
Unflavored
Batch/Lot#: 0326202
Strength: 2 fl. oz 500mg
Expiration: 07/22
Analyst HP



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

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>
CBD	527.09	HPLC
CBDV	11.16	HPLC
CBDA	3.44	HPLC
CBGA	ND	HPLC
CBG	7.31	HPLC
CBN	2.27	HPLC
Δ ⁹ -THC	13.56	HPLC
CBC	65.00	HPLC
THCA	ND	HPLC

Total cannabinoids: 629.8 mg
Sample size: 54.00 g
THC by mass: 0.0251 %

ND = NOT DETECTED

Hayley Palmer

AUG 03 2020

Vandana

AUG 03 2020

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

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

This Certificate of Analysis has been generated to document product test results. The "Reviewed By" signature does not indicate finished product release for distribution.



Certificate of Analysis

CV Sciences, Inc.

Sample

2007DBL0365.7215.R1

2688 South Rainbow Blvd.

Batch FP-20-0517

Las Vegas, NV 89146

Lot 326202

Dalia Chandler

Ordered 7/31/2020

Completed 8/10/2020

Plus CBD Oil 2 fl. oz 500mg Decarboxylated Hemp Spray PS80 Free Unflavored EXP: 07/22

Cannabinoids

529.31		0.98		54
Total CBD (mg/unit)	% Total CBD		Unit weight (g)	
Cannabinoid	LOQ	Mass %	Mass %	Concentration mg/g
CBD	0.03	0.98	9.8	
CBDA	0.03	<LOQ	<LOQ	
d9-THC	0.03	<LOQ	<LOQ	
THCA-A	0.03	<LOQ	<LOQ	
dB-THC	0.03	<LOQ	<LOQ	
THCV	0.03	<LOQ	<LOQ	
CBDV	0.03	<LOQ	<LOQ	
CBDVA	0.03	<LOQ	<LOQ	
CBGA	0.03	<LOQ	<LOQ	
CBG	0.03	<LOQ	<LOQ	
CBN	0.03	<LOQ	<LOQ	
CBC	0.03	0.05	0.5	
CBL	0.03	<LOQ	<LOQ	

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
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	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
Arsenic	PASS	55	48	1500
Cadmium	PASS	<LOQ	48	500
Mercury	PASS	73	48	3000
Lead	PASS	<LOQ	48	500

- The hemp extract is the product of a batch tested by the independent testing laboratory.
- The batch contained a total delta-9-tetrahydrocannabinol concentration that did not exceed 0.3 percent pursuant to the testing of a random sample of the batch; and
- The batch does not contain contaminants unsafe for human consumption.



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# 6188736101164525768) 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. *Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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