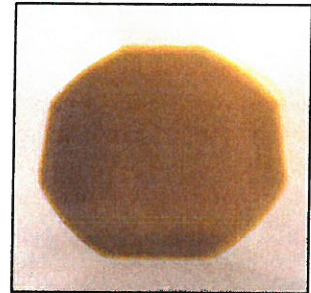




CV SCIENCES™

Certificate of Analysis
July 22, 2020

Sample ID: FP-20-0480
Product name: Plus CBD Oil Decarboxylated
Hemp Spray PS80 Free
Peppermint Re-test
Batch/Lot#: 9056317
Strength: 1 fl. oz 100mg
New Expiration: 02/22 per MEMO-20-015
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	94.66	HPLC
CBDV	1.15	HPLC
CBDA	1.34	HPLC
CBG	3.23	HPLC
CBGA	ND	HPLC
CBC	5.09	HPLC
CBN	ND	HPLC
Δ^9 -THC	2.97	HPLC
THCA	ND	HPLC
Total cannabinoids:	108.4 mg	
Sample size:	27.00 g	
THC by mass:	0.0110 %	

ND = NOT DETECTED

Hayley Palmer

JUL 22 2020

Vandana Kothari

JUL 22 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.

2688 South Rainbow Blvd.

Las Vegas, NV 89146

Dalia Chandler

Sample

2007DBL0194.6788

Batch FP-20-0480

Lot 9056317

Ordered 7/17/2020

Completed 7/22/2020

Plus CBD Oil 1 fl. oz 100mg Decarboxylated Spray Peppermint P580 Free Re-test, New Expiration: 02/22 per MEMO-20-015

Cannabinoids

	91.84	0.34	27
Total CBD (mg/unit)	% Total CBD		Unit weight (g)
Cannabinoid	LOQ %	Mass %	Mass Concentration mg/g
CBD	0.01	0.33	3.3
CBDA	0.01	0.01	0.1
d9-THC	0.01	0.01	0.1
THCA-A	0.01	<LOQ	<LOQ
d8-THC	0.01	<LOQ	<LOQ
THCV	0.01	<LOQ	<LOQ
CBDV	0.01	<LOQ	<LOQ
CBDVA	0.01	<LOQ	<LOQ
CBGA	0.01	<LOQ	<LOQ
CBG	0.01	0.02	0.2
CBN	0.01	<LOQ	<LOQ
CBC	0.01	0.01	0.1
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
Mold/Mildew/Yeast	Pass/Fail	CFU/g	CFU/g	CFU/g
Enterobacteriaceae	PASS	<LOQ	80	10,000
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	72	61	2000
Cadmium	PASS	<LOQ	61	820
Mercury	PASS	<LOQ	61	400
Lead	PASS	<LOQ	61	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 (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 not-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.