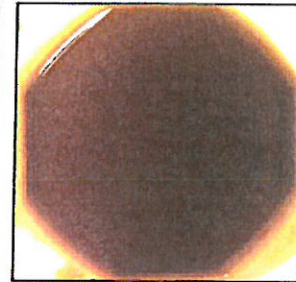




CV SCIENCES™

Certificate of Analysis
July 31, 2020

Sample ID: FP-20-0518
Product name: Plus CBD Oil
Decarboxylated Hemp Spray
PS80 Free Peppermint
Batch/Lot#: 0319202
Strength: 2 fl. oz 500mg
Expiration: 07/22
Analyst: HP



Physical properties

Appearance
Color
Aroma

Result

Pass
Pass
Pass

Method

Organoleptic
Organoleptic
Organoleptic

Cannabinoid:	mg:	Method:
CBD	541.28	HPLC
CBDV	13.44	HPLC
CBDA	6.43	HPLC
CBGA	15.14	HPLC
CBG	7.98	HPLC
CBN	2.43	HPLC
Δ ⁹ -THC	12.23	HPLC
CBC	64.26	HPLC
THCA	ND	HPLC
Total cannabinoids:	663.2 mg	
Sample size:	54.00 g	
THC by mass:	0.0227 %	

ND = NOT DETECTED

Hayley Palmer

AUG 03 2020

Vandana Kothari

AUG 03 2020

Analyst _____ Date _____

Hayley Palmer, B.S.
QC Lab Assistant

Reviewed By _____

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

2007DBL0365.7216.R1

Batch FP-20-0518

Lot 319202

Ordered 7/31/2020

Completed 8/10/2020

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

Cannabinoids				
	521.12	0.97	54	
	Total CBD (mg/unit)	% Total CBD	Unit weight (g)	
Cannabinoid	LOQ	Mass %	Mass mg/g	Concentration
CBD	0.04	0.97	9.7	
CBDa	0.04	<LOQ	<LOQ	
d9-THC	0.04	<LOQ	<LOQ	
THCA-A	0.04	<LOQ	<LOQ	
d8-THC	0.04	<LOQ	<LOQ	
THCV	0.04	<LOQ	<LOQ	
CBDV	0.04	<LOQ	<LOQ	
CBDVA	0.04	<LOQ	<LOQ	
CBGA	0.04	<LOQ	<LOQ	
CBG	0.04	<LOQ	<LOQ	
CBN	0.04	<LOQ	<LOQ	
CBC	0.04	0.05	0.5	
CBL	0.04	<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

Microbiology				
Quantitative Analysis	Status	Sample	LOQ	Limit
Mold/Mildew/Yeast	Pass/Fail	CFU/g	CFU/g	CFU/g
Enterobacteriaceae	PASS	<LOQ	90	10,000
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	

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

Heavy Metals				
Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	<LOQ	52	1500
Cadmium	PASS	<LOQ	52	500
Mercury	PASS	<LOQ	52	3000
Lead	PASS	<LOQ	52	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# 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. *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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