

Certificate of Analysis
August 14, 2019

Sample ID: FP-19-1052
Product name Plus CBD Oil Hemp Spray Peppermint PS80 Free
Batch/Lot#: 9207319
Strength: 2oz 500mg
Expiration: 07/21

<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>
CBD	506.63	HPLC	HP
CBDV	3.35	HPLC	HP
CBDA	2.98	HPLC	HP
CBG	4.45	HPLC	HP
CBGA	6.99	HPLC	HP
CBC	48.81	HPLC	HP
CBN	0.00	HPLC	HP
Δ^9 -THC	16.28	HPLC	HP
THCA	0.00	HPLC	HP
Total cannabinoids:	589.5 mg		
Sample size:	54.00 g		
THC by mass:	0.0302 %		

Hayley Palmer
 AUG 14 2019

Vandana Kothari
 AUG 14 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.

Sample

1908DBL0099.7408

2688 South Rainbow Blvd.

Batch FP-19-1052

Las Vegas NV 89146

Lot 9207319

Dalia Chandler

Ordered Mon, 12 Aug 2019 19:02

Completed 8/15/2019

Plus CBD Oil 2oz 500mg Green Hemp Spray Peppermint PS80 Free EXP 07/21

Cannabinoids				
	496.32	0.92	54	
Total CBD (mg/unit)	% Total CBD	Unit weight (g)		
Cannabinoid	LOQ	Mass %	Mass %	Concentration mg/g
CBD	0.06	0.92	9.2	
CBDA	0.06	<LOQ	<LOQ	
d9-THC	0.06	<LOQ	<LOQ	
THCA-A	0.06	<LOQ	<LOQ	
d8-THC	0.06	<LOQ	<LOQ	
THCV	0.06	<LOQ	<LOQ	
CBDV	0.06	<LOQ	<LOQ	
CBDVA	0.06	<LOQ	<LOQ	
CBGA	0.06	<LOQ	<LOQ	
CBG	0.06	<LOQ	<LOQ	
CBN	0.06	<LOQ	<LOQ	
CBC	0.06	<LOQ	<LOQ	
CBL	0.06	<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

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
Arsenic	Pass/Fail	PPB	PPB	PPB
Cadmium	PASS	77	46	2000
Mercury	PASS	<LOQ	46	820
Lead	PASS	<LOQ	46	400



Stacy Gardalen

Stacy Gardalen
Director

Glen Marquez

Glen Marquez
Quality Control



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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.