

Certificate of Analysis
December 13, 2018

Sample ID: FP-18-1333
Product name: Plus cbd oil hemp spray café mocha
Batch/Lot#: 8332351
Strength: 1oz 100mg
Expiration: 11/20

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

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	104.82	HPLC	VK
CBDV	1.98	HPLC	VK
CBDA	8.70	HPLC	VK
CBG	1.63	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	6.70	HPLC	VK
CBN	0.00	HPLC	VK
Δ ⁹ -THC	3.13	HPLC	VK
THCA	0.00	HPLC	VK
Total cannabinoids:	127.0 mg		
Sample size:	27 g		
THC by mass:	0.0116 %		

DEC 13 2018

DEC 15 2018

Analyst _____ Date _____

Reviewed By _____ Date _____

Vandana Kothari, M.S., B.Pharm.
Analytical Chemist

Dalia Chandler, M.S., B.S.
QA/QC Manager



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas, NV 89146

Dalia Chandler

Sample

1812DBL0080.6894

Batch FP-18-1333

Lot 8332351

Ordered 12/13/2018

Completed 12/18/2018

Plus CBD Oil 1oz 100mg Cafe Mocha Hemp Spray PS80 Free EXP 11/20

Cannabinoids				
	99.62	0.37	27	
	Total CBD (mg/unit)	% Total CBD	Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.07	0.37	3.7	
CBDA	0.07	<LOQ	<LOQ	
d9-THC	0.07	<LOQ	<LOQ	
THCA-A	0.07	<LOQ	<LOQ	
d8-THC	0.07	<LOQ	<LOQ	
THCV	0.07	<LOQ	<LOQ	
CBDV	0.07	<LOQ	<LOQ	
CBDVA	0.07	<LOQ	<LOQ	
CBGA	0.07	<LOQ	<LOQ	
CBG	0.07	<LOQ	<LOQ	
CBN	0.07	<LOQ	<LOQ	
CBC	0.07	<LOQ	<LOQ	
CBL	0.07	<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
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	9	1,000
Aerobic Bacteria	PASS	100	90	100,000
Coliforms	PASS	<LOQ	9	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	44	2000
Cadmium	PASS	<LOQ	44	820
Mercury	PASS	<LOQ	44	400
Lead	PASS	<LOQ	44	1200



Stacy Gardalen
Stacy Gardalen
 Director

Kelly Zaugg
Kelly Zaugg
 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 (MMR# 6188773610164525768) 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.