


Certificate of Analysis
November 1, 2018

Sample ID: FP-18-1111
Product name: Plus cbd oil raw hemp softgel
Batch/Lot#: UC180424-R30
Strength: 5mg 30ct
Expiration: 06/20

<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	2.79	HPLC	VK
CBDV	0.18	HPLC	VK
CBDA	3.68	HPLC	VK
CBG	0.06	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.24	HPLC	VK
CBN	0.02	HPLC	VK
Δ ⁹ -THC	0.14	HPLC	VK
THCA	0.00	HPLC	VK
Total CBD/CBDA	6.47 mg		
Total cannabinoids:	7.1 mg		
Sample size:	1 Softgel		
THC by mass: 	0.0373 %		

NOV 01 2018


NOV 03 2018

Analyst _____ Date _____
 Vandana Kothari, M.S., B.Pharm.
 Analytical Chemist

Reviewed By _____ Date _____
 Dalia Chandler, M.S., B.S.
 QA/QC Manager



AMENDED

Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.
Las Vegas, NV 89146
Dalia Chandler

Sample

1811DBL0005.5908

Batch FP-18-1111

Lot UC180424-R30

Ordered 11/2/2018

Completed 11/6/2018

Plus cbd oil 5mg 30ct raw hemp softgel Exp:06/20

Cannabinoids

5.3		1.38		0.38
Total CBD (mg/unit)		% Total CBD		Unit weight (g)
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.01	0.62	6.2	
CBDA	0.01	0.76	7.6	
d9-THC	0.01	<LOQ	<LOQ	
THCA-A	0.01	<LOQ	<LOQ	
d8-THC	0.01	<LOQ	<LOQ	
THCV	0.01	<LOQ	<LOQ	
CBDV	0.01	0.08	0.8	
CBDVA	0.01	<LOQ	<LOQ	
CBGA	0.01	<LOQ	<LOQ	
CBG	0.01	<LOQ	<LOQ	
CBN	0.01	<LOQ	<LOQ	
CBC	0.01	0.03	0.3	
CBL	0.01	<LOQ	<LOQ	

Total CBD = CBD + CBDA

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
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	900	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	575	27	2000
Cadmium	PASS	<LOQ	27	820
Mercury	PASS	<LOQ	27	400
Lead	PASS	<LOQ	27	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 (MMEN# 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.