



CV SCIENCES™

A LIFE SCIENCE COMPANY

Certificate of Analysis

February 11, 2019

Sample ID: FP-19-0162

Product name Plus CBD oil capsules

Batch/Lot#: SA036

Strength: 60 ct15 mg

Expiration 01/21

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	OM
Color	Pass	Organoleptic	OM
Aroma	Pass	Organoleptic	OM
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	16.73	HPLC	OM
CBDV	0.00	HPLC	OM
CBDA	0.00	HPLC	OM
CBG	0.27	HPLC	OM
CBGA	0.00	HPLC	OM
CBC	0.64	HPLC	OM
CBN	0.00	HPLC	OM
Δ^9 -THC	0.30	HPLC	OM
THCA	0.00	HPLC	OM

Total cannabinoids: 17.9 mg

Sample size: 1 capsule

THC by mass: 0.0567 %

Oswaldo Marinotti 11 FEB 2019

Analyst

Date

Oswaldo Marinotti, PhD

Senior Biochemist

Lisa Tripi 11 FEB 2019

Reviewed By

Date

Lisa Tripi, M.S., B.A.

QA/QC Manager



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas NV, 89146

Dalia Chandler

Sample

1902DBL0035.1110

Batch FP-19-0162

Lot SA036

Ordered 2/6/2019

Completed 2/10/2019

Plus CBD Oil 60ct 15mg Green Hemp Capsules Exp 01-2021

Cannabinoids				
	15.30	2.89	0.53	
	Total CBD (mg/unit)	% Total CBD	Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.04	2.89	28.9	
CBDA	0.04	<LOQ	<LOQ	
d9-THC	0.04	0.11	1.1	
THCA-A	0.04	<LOQ	<LOQ	
d8-THC	0.04	<LOQ	<LOQ	
THCV	0.04	<LOQ	<LOQ	
CBDV	0.04	0.07	0.7	
CBDVA	0.04	<LOQ	<LOQ	
CBGA	0.04	<LOQ	<LOQ	
CBG	0.04	0.05	0.5	
CBN	0.04	<LOQ	<LOQ	
CBC	0.04	<LOQ	<LOQ	
CBL	0.04	<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
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	100	10,000
Enterobacteriaceae	PASS	<LOQ	100	1,000
Aerobic Bacteria	PASS	<LOQ	1000	100,000
Coliforms	PASS	<LOQ	100	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	144	18	2000
Cadmium	PASS	<LOQ	18	820
Mercury	PASS	<LOQ	18	400
Lead	PASS	310	18	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 (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.