

Certificate of Analysis
 February 14, 2019

Sample ID: FP-19-0197
Product name Plus CBD Oil Original Hemp Balm
Batch/Lot#: 0300419
Strength: 50mg 37g
Expiration: 01/21

<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	15.48	HPLC	HP
CBDV	0.00	HPLC	HP
CBDA	24.75	HPLC	HP
CBG	0.16	HPLC	HP
CBGA	2.09	HPLC	HP
CBC	2.15	HPLC	HP
CBN	0.00	HPLC	HP
Δ ⁹ -THC	0.37	HPLC	HP
THCA	0.18	HPLC	HP
Total CBD/CDA	40.22 mg		
Total cannabinoids:	45.2 mg		
Sample size:	37 g		
THC by mass:	0.0010 %		

Hayley Palmer 14 Feb 2019
 Analyst Date

Hayley Palmer, B.S.
 QC Lab Assistant

Lisa Tripi 14 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

1902DBL0110.1303

Batch FP-19-0197

Lot 300419

Ordered 2/13/2019

Completed 2/16/2019

Plus CBD Oil Original Hemp Balm 37g 50mg EXP: 01/21

Cannabinoids

	37.77	0.10	37
Total CBD (mg/unit)	% Total CBD		Unit weight (g)
Cannabinoid	LOQ %	Mass %	Mass Concentration mg/g
CBD	0.02	0.04	0.4
CBDA	0.05	0.07	0.7
d9-THC	0.05	<LOQ	<LOQ
THCA-A	0.05	<LOQ	<LOQ
d8-THC	0.05	<LOQ	<LOQ
THCV	0.05	<LOQ	<LOQ
CBDV	0.05	<LOQ	<LOQ
CBDVA	0.05	<LOQ	<LOQ
CBGA	0.05	<LOQ	<LOQ
CBG	0.05	<LOQ	<LOQ
CBN	0.05	<LOQ	<LOQ
CBC	0.05	<LOQ	<LOQ
CBL	0.05	<LOQ	<LOQ

Total CBD = (0.877 x 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

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
Mold/Mildew/Yeast	PASS	<LOQ	9	10,000
Enterobacteriaceae	PASS	<LOQ	9	1,000
Aerobic Bacteria	PASS	<LOQ	900	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

Heavy Metals

Compound	Status	Sample	LOQ	Limit
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

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.