

Certificate of Analysis
 September 24, 2019

Sample ID: FP-19-1254
Product name: Plus CBD Oil Original Hemp Balm
Batch/Lot#: 17L19
Strength: 37g 50mg
Expiration: 09/21

<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	27.25	HPLC	HP
CBDV	0.00	HPLC	HP
CBDA	28.65	HPLC	HP
CBG	0.56	HPLC	HP
CBGA	1.81	HPLC	HP
CBC	4.33	HPLC	HP
CBN	0.00	HPLC	HP
Δ ⁹ -THC	1.37	HPLC	HP
THCA	0.00	HPLC	HP
Total CBD/CBDA	55.89 mg		
Total cannabinoids:	64.0 mg		
Sample size:	37.00 g		
THC by mass:	0.0037 %		

Hayley Palmer

Vandana Kothari

SEP 24 2019

SEP 24 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.

2688 South Rainbow Blvd.
Las Vegas NV 89146
Dalia Chandler

Sample

1909DBL0266.8769

Batch FP-19-1254

Lot 17L19

Ordered 9/24/2019

Completed 9/27/2019

Plus CBD Oil 37g 50mg Original Hemp Balm EXP:09/21

Cannabinoids

	50	0.13	37
Total CBD (mg/unit)	% Total CBD		Unit weight (g)
Cannabinoid	LOQ	Mass %	Mass Concentration mg/g
CBD	0.06	0.08	0.77
CBDA	0.01	0.06	0.57
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
CBDDA	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

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/Fail	CFU/g	CFU/g	CFU/g
Enterobacteriaceae	PASS	<LOQ	8	1,000
Aerobic Bacteria	PASS	<LOQ	8	100,000
Coliforms	PASS	<LOQ	8	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/Fail	PPB	PPB	PPB
Cadmium	PASS	<LOQ	49	2000
Mercury	PASS	79	49	400
Lead	PASS	138	49	1200



CV SCIENCES™
A LIFE SCIENCE COMPANY

Stacy Gardalen

Stacy Gardalen
Director

Glen Marquez

Glen Marquez
Quality Control



4439 Polaris Ave.
Las Vegas, NV 89103
(702)729-5180
www.dblabslv.com

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.