

## Certificate of Analysis

July 22, 2019

**Sample ID:** FP-19-0903  
**Product name:** Plus CBD Oil Original Hemp Balm  
**Batch/Lot#:** 20J19  
**Strength:** 37g 50mg  
**Expiration:** 07/21

<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
<b><u>Cannabinoid:</u></b>	<b><u>mg:</u></b>	<b><u>Method:</u></b>	<b><u>Analyst:</u></b>
<b>CBD</b>	<b>33.09</b>	HPLC	HP
CBDV	0.33	HPLC	HP
CBDA	20.58	HPLC	HP
CBG	0.65	HPLC	HP
CBGA	0.18	HPLC	HP
CBC	4.87	HPLC	HP
CBN	0.00	HPLC	HP
$\Delta^9$ -THC	1.58	HPLC	HP
THCA	0.00	HPLC	HP
<b>Total CBD/CBDA</b>	<b>53.67 mg</b>		
<b>Total cannabinoids:</b>	<b>61.3 mg</b>		
<b>Sample size:</b>	<b>37.00 g</b>		
<b>THC by mass:</b>	<b>0.0043 %</b>		

*Hayley Palmer*  
 JUL 22 2019

*Vandana Kothari*  
 JUL 22 2019

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
 Hayley Palmer, B.S.  
 QC Lab Assistant

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
 Vandana Kothari, M.S., B.Pharm.  
 QC Supervisor



AMENDED

# Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas, NV 89146

Dalia Chandler

Sample

1907DBL0191.6582

Batch FP-19-0903

Lot 20J19

Ordered 7/18/2019

Completed 7/24/2019

Plus CBD Oil 37g 50mg Original Hemp Balm EXP: 07/21

## Cannabinoids

<b>42.81</b>	<b>0.12</b>	<b>37</b>		
Total CBD (mg/unit)	% Total CBD	Unit weight (g)		
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.04	0.07	0.7	
CBDA	0.04	0.04	0.4	
d9-THC	0.04	<LOQ	<LOQ	
THCA-A	0.04	<LOQ	<LOQ	
d8-THC	0.04	<LOQ	<LOQ	
THCV	0.04	<LOQ	<LOQ	
CBDV	0.04	<LOQ	<LOQ	
CBDA	0.04	<LOQ	<LOQ	
CBGA	0.04	<LOQ	<LOQ	
CBG	0.04	<LOQ	<LOQ	
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

## 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

Solution was ran by an ISO 17025:2017 accredited laboratory for heavy metals.

Report amended to correct potency value.



CV SCIENCES™  
Las Vegas, NV

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
Mold/Mildew/Yeast	Pass/Fail PASS	CFU/g 100	CFU/g 100	CFU/g 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	

## Heavy Metals

Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	<LOQ	75	2000
Cadmium	PASS	<LOQ	75	820
Mercury	PASS	<LOQ	75	400
Lead	PASS	<LOQ	75	1200

*Stacy Gardalen*

Stacy Gardalen  
Director

*Kelly Zaugg*

Kelly Zaugg  
Quality Control

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 (IMM# 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.



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