

Certificate of Analysis  
February 12, 2018

**Sample ID:** FP-18-0084  
**Product name** Plus cbd oil original balm  
**Batch/Lot#:** 0232417  
**Strength:** 50mg 37g

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	<u>Passes</u>	Organoleptic	VK
Color	<u>Passes</u>	Organoleptic	VK
Aroma	<u>Passes</u>	Organoleptic	VK
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
<b>CBD</b>	<b>23.93</b>	HPLC	VK
CBDV	0.62	HPLC	VK
CBDA	28.60	HPLC	VK
CBG	0.57	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	1.90	HPLC	VK
CBN	0.00	HPLC	VK
Δ <sup>9</sup> -THC	0.58	HPLC	VK
THCA	0.75	HPLC	VK
Total CBD/CBDA	<b>52.53 mg</b>		

**Total cannabinoids:** 56.9 mg  
**Sample size:** 37 g  
**THC by mass:**  0.0016 %

FEB 12 2018

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

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



# Certificate of Analysis

CV Sciences

2688 South Rainbow Blvd  
Las Vegas, NV 89146

Sample

1802DBL0048.0952

Batch FP-18-0084

Lot 232417

Ordered 2/8/2018

Completed 2/14/2018

## PLUS CBD OIL ORIGINAL BALM 50MG

Cannabinoids		
<b>46.1</b>	<b>0.125</b>	<b>37</b>
Total CBD (mg/unit)	% Total CBD	Unit Weight (g)
Cannabinoid	Mass %	Mass mg/g
CBD	0.062	0.62
CBDA	0.062	0.62
d9-THC	ND	ND
THCA-A	ND	ND
d8-THC	ND	ND
THCV	ND	ND
CBDV	ND	ND
CBDVA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBN	ND	ND
CBC	ND	ND
CBL	ND	ND

Total CBD = CBDA + CBD

Pesticides/PGR*		
Compound	Result	LOQ
	PPM	PPM
Acequinocyl	ND	0.01
Abamectin	ND	0.01
Bifenazate	ND	0.01
Daminozide	ND	0.01
Fenoxycarb	ND	0.01
Fludioxonil	ND	0.01
Imidacloprid	ND	0.01
Myclobutanil	ND	0.01
Pyrethrin	ND	0.01
Spinosad	ND	0.01
Spiromesifen	ND	0.01
Spirotetramat	ND	0.01

Microbiology		
Compound	Result	LOQ
	CFU/g	CFU/g
Mold/Mildew/Yeast	ND	90
Aerobic Bacteria	ND	900
Coliforms	ND	90
Pseudomonas	ND	ND
E. Coli	ND	ND
Salmonella	ND	ND

\*TNC = Too Numerous to Count, \*\*ND = Not Detected

Residual Solvents		
Compound	Result	LOQ
	PPM	PPM
Propane	ND	44
Methanol	ND	44
Isobutane	ND	44
Ethanol	ND	44
Isopropanol	ND	44
Isopentane	ND	44
n-Butane	ND	44
n-Hexane	ND	44
2,2-Dimethylbutane	ND	44
3-Methylpentane	ND	44
2-Methylpentane	ND	44
Cyclohexane	ND	44
Neopentane	ND	44
n-Heptane	ND	44
n-Pentane	ND	44
Benzene	ND	44

Heavy Metals		
Compound	Result	LOQ
	PPM	PPM
Arsenic	ND	0.05
Cadmium	ND	0.05
Mercury	ND	0.05
Lead	ND	0.05

Pseudomonas is outside of our ISO/IEC 17025:2015 accreditation

Stacy Gardalen  
Director

Glen Marquez  
Quality Control