

Certificate of Analysis
February 12, 2018

Sample ID: FP-18-0098
Product name Plus cbd oil ps80 free spray peppermint
Batch/Lot#: 8029317
Strength: 1oz 100mg

<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>
CBD	104.70	HPLC	VK
CBDV	2.58	HPLC	VK
CBDA	2.57	HPLC	VK
CBG	2.05	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	5.22	HPLC	VK
CBN	0.00	HPLC	VK
Δ^9 -THC	2.99	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 120.1 mg

Sample size: 27 g

THC by mass: *VK* 0.0111 %

FEB 12 2018

DA
FEB 12 2018

Analyst _____ Date _____

Vandana Kothari, M.S., B.Pharm.
Analytical Chemist

Reviewed By _____ Date _____

Dalia Chandler, M.S., B.S.
QA/QC Manager



AMENDED

Certificate of Analysis

Sample

CV Sciences

2688 South Rainbow Blvd.
Las Vegas, NV 89146

Batch FP-18-0059

Lot 8029317

Received 2/6/2018

1802DBL0026.0839

Completed 2/12/2018

Plus cbd oil 1oz 100mg ps80 free spray pepper

Cannabinoids

97		0.36		27	
Total CBD (mg/unit)		% Total CBD		Unit Weight (g)	
Cannabinoid	Mass %	Mass mg/g			
CBD	0.36	3.59			
CBDa	ND	ND			
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

Residual Solvents

Compound	Result	LOQ
	PPM	PPM
Propane	ND	25
Methanol	ND	25
Isobutane	ND	25
Ethanol	ND	25
Isopropanol	ND	25
Isopentane	ND	25
n-Butane	ND	25
n-Hexane	ND	25
2,2-Dimethylbutane	ND	25
3-Methylpentane	ND	25
2-Methylpentane	ND	25
Cyclohexane	ND	25
Neopentane	ND	25
n-Heptane	ND	25
n-Pentane	ND	25
Benzene	ND	25

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

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

Heavy Metals

Compound	Result	LOQ
	PPM	PPM
Arsenic	ND	0.24
Cadmium	ND	0.24
Mercury	ND	0.24
Lead	ND	0.24

Stacy Gardalen
Director

Glen Marquez
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 (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.



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