

Certificate of Analysis
February 15, 2018

Sample ID: FP-18-0108
Product name: Plus cbd oil capsules
Batch/Lot#: RA091A
Strength: 15mg 60ct

<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	14.57	HPLC	VK
CBDV	0.35	HPLC	VK
CBDA	0.29	HPLC	VK
CBG	0.29	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	0.61	HPLC	VK
CBN	0.08	HPLC	VK
Δ ⁹ -THC	0.43	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 16.6 mg
Sample size: 1 Capsule
THC by mass:  0.0778 %

FEB 15 2018


FEB 16 2018

Analyst Date

Reviewed By Date

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

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



AMENDED

Certificate of Analysis

Sample

CV Sciences

2688 South Rainbow Blvd
Las Vegas, NV 89146

1802DBL0063.1038

Batch FP-18-0108

Lot RA091A

Ordered 2/12/2018

Completed 2/21/2018

Plus cbd oil capsules 15mg 60ct

Cannabinoids		
13.8	2.59	0.5339
Total CBD (mg/unit)	% Total CBD	Unit Weight (g)
Cannabinoid	Mass %	Mass mg/g
CBD	2.59	25.9
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

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	Spec Limit
	PPM	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

Heavy Metals		
Compound	Result	LOQ
	PPM	PPM
Arsenic	0.25	0.02
Cadmium	ND	0.02
Mercury	ND	0.02
Lead	ND	0.02

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

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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