



Certificate of Analysis
August 31, 2018

Sample ID: FP-18-0885
Product name Pro Plus cbd oil gold hemp drops peppermint
Batch/Lot#: 8235349
Strength: 2oz 2000mg
Expiration: 08/20

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	VK
Color	Pass	Organoleptic	VK
Aroma	Pass	Organoleptic	VK
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	2020.60	HPLC	VK
CBDV	81.55	HPLC	VK
CBDA	48.53	HPLC	VK
CBG	42.77	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	145.88	HPLC	VK
CBN	9.32	HPLC	VK
Δ^9 -THC	60.27	HPLC	VK
THCA	0.00	HPLC	VK
Total cannabinoids:	2408.9 mg		
Sample size:	54.00 g		
THC by mass:	0.1116 %		


AUG 31 2018


SEP 04 2018

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

1808DBL0165.4589

Batch FP-18-0885

Lot 8235349

Ordered 8/29/2018

Completed 9/1/2018

PRO CBD Oil 2oz 2000mg Gold Hemp Drops Peppermint PS80 Free EXP 08/20

Cannabinoids

1825			3.38			54		
Total CBD (mg/unit)			% Total CBD			Unit Weight (g)		
Cannabinoid	Mass %	Mass mg/g						
CBD	3.38	33.79						
CBDA	0.07	0.67						
d9-THC	0.14	1.39						
THCA-A	ND	ND						
d8-THC	ND	ND						
THCV	ND	ND						
CBDV	0.16	1.60						
CBDVA	ND	ND						
CBGA	0.15	1.54						
CBG	0.09	0.93						
CBN	ND	ND						
CBC	0.23	2.29						
CBL	ND	ND						

Pesticides/PGR*

Compound	Result	LOQ
	PPM	PPM
Acequinocyl	ND	0.50
Abamectin	ND	0.20
Bifenazate	ND	0.10
Daminozide	ND	0.10
Fenoxycarb	ND	0.10
Fludioxonil	ND	0.20
Imidacloprid	ND	0.05
Myclobutanil	ND	0.10
Pyrethrin	ND	0.10
Spinosad	ND	0.10
Spiromesifen	ND	0.10
Spirotetramat	ND	0.05

Microbiology

Compound	Result	LOQ
	CFU/g	CFU/g
Mold/Mildew/Yeast	ND	90
Aerobic Bacteria	ND	900
Coliforms	ND	90
Pseudomonas	ND	1
E. Coli	ND	1
Salmonella	ND	1

*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

Pseudomonas is outside of our ISO/IEC 17025:2005 accreditation

Heavy Metals

Compound	Result	LOQ
	PPM	PPM
Arsenic	0.08	0.04
Cadmium	ND	0.04
Mercury	ND	0.04
Lead	ND	0.04

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 (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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