



CV SCIENCES™

A LIFE SCIENCE COMPANY

Certificate of Analysis

February 10, 2020

Sample ID: FP-20-0113

Product name: PRO Plus CBD Oil Gold Hemp Drops Peppermint

Batch/Lot#: 0349027

Strength: 2 fl. oz 2000mg

Expiration: 01/22

<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

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	1926.20	HPLC	HP
CBDV	26.65	HPLC	HP
CBDA	5.20	HPLC	HP
CBG	20.93	HPLC	HP
CBGA	35.00	HPLC	HP
CBC	174.93	HPLC	HP
CBN	4.34	HPLC	HP
Δ^9 -THC	37.08	HPLC	HP
THCA	0.00	HPLC	HP

Total cannabinoids: 2230.3 mg

Sample size: 54.00 g

THC by mass: *Hayley Palmer* 0.0687 %

FEB 10 2020

Vandana
FEB 10 2020

Analyst _____ Date _____
Hayley Palmer, B.S.
QC Lab Assistant

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



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.
Las Vegas NV 89146
Dalia Chandler

Sample

2002DBL0040.1962

Batch FP-20-0113

Lot 349027

Ordered 2/5/2020

Completed 2/8/2020

PRO Plus CBD Oil 2 fl. oz 2000mg Gold Hemp Drops Peppermint EXP:01/22

Cannabinoids

	1974.61	3.66	54
Total CBD (mg/unit)		% Total CBD	Unit weight (g)
Cannabinoid	LOQ	Mass %	Mass Concentration mg/g
CBD	0.04	3.66	36.6
CBDA	0.04	<LOQ	<LOQ
d9-THC	0.04	0.12	1.2
THCA-A	0.04	<LOQ	<LOQ
d8-THC	0.04	<LOQ	<LOQ
THCV	0.04	<LOQ	<LOQ
CBDV	0.04	0.09	0.9
CBDVA	0.04	<LOQ	<LOQ
CBGA	0.04	<LOQ	<LOQ
CBG	0.04	0.05	0.5
CBN	0.04	<LOQ	<LOQ
CBC	0.04	0.14	1.4
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

Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	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
Arsenic	PASS	<LOQ	46	2000
Cadmium	PASS	<LOQ	46	820
Mercury	PASS	<LOQ	46	400
Lead	PASS	<LOQ	46	1200



Stacy Gardalen

Stacy Gardalen
Director

Glen Marquez

Glen Marquez
Quality Control



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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 (NME# 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.