

Certificate of Analysis
 June 18, 2019

Sample ID: FP-19-0716
Product name PRO Plus CBD Oil Gold Hemp Drops Peppermint PS80 Free
Batch/Lot#: 9149349
Strength: 2oz 2000mg
Expiration: 05/21

<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	2078.29	HPLC	HP
CBDV	17.44	HPLC	HP
CBDA	0.00	HPLC	HP
CBG	24.32	HPLC	HP
CBGA	53.63	HPLC	HP
CBC	166.24	HPLC	HP
CBN	0.50	HPLC	HP
Δ ⁹ -THC	54.07	HPLC	HP
THCA	0.00	HPLC	HP
Total cannabinoids:	2394.5 mg		
Sample size:	54.00 g		
THC by mass:	0.1001 %		

Hayley Palmer
 JUN 18 2019

Vandana Kothari
 JUN 18 2019

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

1906DBL0142.5538

Batch FP-19-0716

Lot 9149349

Ordered 6/18/2019

Completed 6/22/2019

PRO Plus CBD Oil 2oz 2000mg Gold Hemp Drops Peppermint PS80 Free EXP: 05/21

Cannabinoids

1902.67 **3.52** **54**

Total CBD (mg/unit) % Total CBD Unit weight (g)

Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.00	3.52	35.2	<div style="width: 35.2%;"></div>
CBDa	0.00	<LOQ	<LOQ	
d9-THC	0.00	0.09	0.9	<div style="width: 0.9%;"></div>
THCA-A	0.00	<LOQ	<LOQ	
d8-THC	0.00	<LOQ	<LOQ	
THCV	0.00	<LOQ	<LOQ	
CBDV	0.00	0.07	0.7	<div style="width: 0.7%;"></div>
CBDVA	0.00	<LOQ	<LOQ	
CBGA	0.00	<LOQ	<LOQ	
CBG	0.00	<LOQ	<LOQ	
CBN	0.00	<LOQ	<LOQ	
CBC	0.00	0.16	1.6	<div style="width: 1.6%;"></div>
CBL	0.00	<LOQ	<LOQ	

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
	Pass/Fail	CFU/g	CFU/g	CFU/g
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
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	<LOQ	47	2000
Cadmium	PASS	<LOQ	47	820
Mercury	PASS	<LOQ	47	400
Lead	PASS	<LOQ	47	1200



Stacy Gardalen

Stacy Gardalen
Director

Kelly Zaugg

Kelly Zaugg
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 (MMF# 61887736101164515768) 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.