

Certificate of Analysis
 October 18, 2018

Sample ID: FP-18-1065
Product name Pro plus cbd oil gold drops unflavored
Batch/Lot#: 8283350
Strength: 2oz 2000mg
Expiration: 10/20

<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	2190.82	HPLC	VK
CBDV	65.90	HPLC	VK
CBDA	58.06	HPLC	VK
CBG	26.42	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	113.47	HPLC	VK
CBN	0.00	HPLC	VK
Δ^9 -THC	52.86	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: **2507.5 mg**

Sample size: **54 g**

THC by mass: **0.0979 %**

VK
 OCT 18 2018

DM
 OCT 20 2018

Analyst _____ Date _____

Reviewed By _____ Date _____

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

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



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas, NV 89146

Dalia Chandler

Sample

1810DBL0149.5595

Batch FP-18-1065

Lot 8283350

Ordered 10/19/2018

Completed 10/23/2018

PRO Plus CBD Oil 2oz 2000mg Hemp Drops Unflavored PS80 Free EXP 10/20

Cannabinoids

2075		3.84		54	
Total CBD (mg/unit)		% Total CBD		Unit weight (g)	
Cannabinoid	LOQ	Mass %	Mass mg/g	Concentration	
CBD	0.060	3.842	38.424	█	
CBDA	0.060	<LOQ	<LOQ		
d9-THC	0.060	0.091	0.914		
THCA-A	0.060	<LOQ	<LOQ		
d8-THC	0.060	<LOQ	<LOQ		
THCV	0.060	<LOQ	<LOQ		
CBDV	0.060	0.109	1.089		
CBDVA	0.060	<LOQ	<LOQ		
CBGA	0.060	<LOQ	<LOQ		
CBG	0.060	<LOQ	<LOQ		
CBN	0.060	<LOQ	<LOQ		
CBC	0.060	0.175	1.747		
CBL	0.060	<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	382	44	2000
Cadmium	PASS	<LOQ	44	820
Mercury	PASS	<LOQ	44	400
Lead	PASS	<LOQ	44	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 (MME# 61887736101164525758) 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.