



CV SCIENCES™

A LIFE SCIENCE COMPANY

Certificate of Analysis

March 10, 2020

Sample ID: FP-20-0177

Product name Plus CBD Oil Gold Hemp Drops Unflavored

Batch/Lot#: 0321049

Strength: 1 fl. oz 250mg

Expiration: 02/22

<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	276.51	HPLC	HP
CBDV	2.89	HPLC	HP
CBDA	1.28	HPLC	HP
CBG	3.38	HPLC	HP
CBGA	0.00	HPLC	HP
CBC	18.50	HPLC	HP
CBN	0.98	HPLC	HP
Δ^9 -THC	6.47	HPLC	HP
THCA	0.00	HPLC	HP

Total cannabinoids: **310.0 mg**

Sample size: **27.00 g**

THC by mass: **0.0240 %**

Hayley Palmer

MAR 10 2020

Vandana Kothari

MAR 10 2020

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

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

This Certificate of Analysis has been generated to document product test results. The "Reviewed By" signature does not indicate finished product release for distribution.



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas NV 89146

Dalia Chandler

Sample

2002DBL0394.2904

Batch FP-20-0177

Lot 321049

Ordered 2/25/2020

Completed 2/28/2020

Plus CBD Oil 1 fl. oz 250mg Gold Hemp Drops Unflavored EXP:02/22

Cannabinoids

	257	0.95	27
Total CBD (mg/unit)			
% Total CBD			
Unit weight (g)			
Cannabinoid	LOQ	Mass	Mass
	%	%	mg/g
Concentration			
CBD	0.05	1.0	9.5
CBDA	0.05	<LOQ	<LOQ
d9-THC	0.05	<LOQ	<LOQ
THCA-A	0.05	<LOQ	<LOQ
d8-THC	0.05	<LOQ	<LOQ
THCV	0.05	<LOQ	<LOQ
CBDV	0.05	<LOQ	<LOQ
CBDVA	0.05	<LOQ	<LOQ
CBGA	0.05	<LOQ	<LOQ
CBG	0.05	<LOQ	<LOQ
CBN	0.05	<LOQ	<LOQ
CBC	0.05	<LOQ	<LOQ
CBL	0.05	<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
Spirosad	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	100	10,000
Enterobacteriaceae	PASS	<LOQ	100	1,000
Aerobic Bacteria	PASS	<LOQ	1000	100,000
Coliforms	PASS	<LOQ	100	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	45	2000
Cadmium	PASS	<LOQ	45	820
Mercury	PASS	<LOQ	45	400
Lead	PASS	71	45	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 (MMER# 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.