



CV SCIENCES™

A LIFE SCIENCE COMPANY

Certificate of Analysis

October 11, 2018

Sample ID: FP-18-1004
Product name: Plus cbd oil hemp gold drops unflavored
Batch/Lot#: 8270321
Strength: 1oz 250mg
Expiration: 09/20

<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	257.73	HPLC	VK
CBDV	7.61	HPLC	VK
CBDA	10.24	HPLC	VK
CBG	3.32	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	17.24	HPLC	VK
CBN	2.07	HPLC	VK
Δ^9 -THC	6.43	HPLC	VK
THCA	0.00	HPLC	VK

Total cannabinoids: 304.6 mg

Sample size: 27.0 g

THC by mass: 0.0238 %

Vandana Kothari
OCT 11 2018

Dalia Chandler
OCT 11 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, Inc.

2688 South Rainbow Blvd.

Las Vegas NV 89146

Dalia Chandler

Sample

1810DBL0041.5306

Batch FP-18-1004

Lot 8270321

Ordered 10/5/2018

Completed 10/9/2018

Plus CBD Oil 1oz 250mg Gold Hemp Drops Unflavored PS80 Free EXP 09/20

Cannabinoids				
	243.9	0.90	27.0	
Total CBD (mg/unit)	% Total CBD		Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.07	0.9	9.0	
CBDA	0.07	<LOQ	<LOQ	
d9-THC	0.07	<LOQ	<LOQ	
THCA-A	0.07	<LOQ	<LOQ	
d8-THC	0.07	<LOQ	<LOQ	
THCV	0.07	<LOQ	<LOQ	
CBDV	0.07	<LOQ	<LOQ	
CBDVA	0.07	<LOQ	<LOQ	
CBGA	0.07	<LOQ	<LOQ	
CBG	0.07	<LOQ	<LOQ	
CBN	0.07	<LOQ	<LOQ	
CBC	0.07	<LOQ	<LOQ	
CBL	0.07	<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			
Compound	Status	Sample (PPB)	LOQ (PPB)
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/Fail	CFU/g	CFU/g	CFU/g
Enterobacteriaceae	PASS	<LOQ	90	10,000
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/Fail	PPB	PPB	PPB
Cadmium	PASS	54	42	2000
Mercury	PASS	<LOQ	42	820
Lead	PASS	<LOQ	42	400



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.