

Certificate of Analysis
February 25, 2019

Sample ID: FP-19-0225
Product name Plus cbd oil gold hemp drops unflavored
Batch/Lot#: 9043376
Strength: 2oz 1500mg
Expiration: 02/21

<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	1442.18	HPLC	VK
CBDV	12.80	HPLC	VK
CBDA	7.63	HPLC	VK
CBG	13.12	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	111.32	HPLC	VK
CBN	0.00	HPLC	VK
Δ ⁹ -THC	31.51	HPLC	VK
THCA	0.00	HPLC	VK
Total cannabinoids:	1618.6 mg		
Sample size:	54.00 g		
THC by mass:	0.0583 %		


FEB 25 2019


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

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

1902DBL0218.1632

Batch FP-19-0225

Lot 9043376

Ordered 2/23/2019

Completed 2/26/2019

Plus CBD Oil Gold Hemp Drops Unflavored PS80 Free 2oz 1500mg EXP: 02/21

Cannabinoids

1641.94 **2.74** **60**

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

Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.06	2.74	27.4	<div style="width: 27.4%;"></div>
CBDA	0.06	<LOQ	<LOQ	
d9-THC	0.06	<LOQ	<LOQ	
THCA-A	0.06	<LOQ	<LOQ	
d8-THC	0.06	<LOQ	<LOQ	
THCV	0.06	<LOQ	<LOQ	
CBDV	0.06	<LOQ	<LOQ	
CBDVA	0.06	<LOQ	<LOQ	
CBGA	0.06	<LOQ	<LOQ	
CBG	0.06	<LOQ	<LOQ	
CBN	0.06	<LOQ	<LOQ	
CBC	0.06	<LOQ	<LOQ	
CBL	0.06	<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
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	232	50	2000
Cadmium	PASS	<LOQ	50	820
Mercury	PASS	<LOQ	50	400
Lead	PASS	<LOQ	50	1200



Stacy Gardalen

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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 (MME# 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.