



Certificate of Analysis  
September 21, 2018

**Sample ID:** FP-18-0982  
**Product name** Plus cbd oil gold hemp drops peppermint  
**Batch/Lot#:** 8255320  
**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>
<b>CBD</b>	<b>259.02</b>	HPLC	VK
CBDV	11.39	HPLC	VK
CBDA	7.62	HPLC	VK
CBG	2.62	HPLC	VK
CBGA	0.00	HPLC	VK
CBC	16.97	HPLC	VK
CBN	1.89	HPLC	VK
$\Delta^9$ -THC	4.89	HPLC	VK
THCA	6.66	HPLC	VK

**Total cannabinoids:** **311.1 mg**

**Sample size:** **27.00 g**

**THC by mass:** **0.0181 %**

*Vandana*  
SEP 21 2018

*DM*  
SEP 25 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

1809DBL0145.5037

Batch FP-18-0982

Lot 8255320

Ordered 9/24/18

Completed 9/27/18

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

## Cannabinoids

	239	0.89	27
Total CBD (mg/unit)	% Total CBD	Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass Concentration mg/g
CBD	0.08	0.89	8.87
CBDA	0.08	<LOQ	<LOQ
d9-THC	0.08	<LOQ	<LOQ
THCA-A	0.08	<LOQ	<LOQ
d8-THC	0.08	<LOQ	<LOQ
THCV	0.08	<LOQ	<LOQ
CBDV	0.08	<LOQ	<LOQ
CBDVA	0.08	<LOQ	<LOQ
CBGA	0.08	<LOQ	<LOQ
CBG	0.08	<LOQ	<LOQ
CBN	0.08	<LOQ	<LOQ
CBC	0.08	<LOQ	<LOQ
CBL	0.08	<LOQ	<LOQ

Total CBD = CBDs + 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			
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	43	2000
Cadmium	PASS	<LOQ	43	820
Mercury	PASS	<LOQ	43	400
Lead	PASS	<LOQ	43	1200

*Stacy Gardalen*

Stacy Gardalen  
Director

*Kelly Zaugg*

Kelly Zaugg  
Quality Control



4439 Polaris Ave.  
Las Vegas, NV 89103  
(702)729-5180

www.dblabslv.com

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 (MM# 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.