



CV SCIENCES™

Certificate of Analysis
August 25, 2020

Sample ID: FP-20-0557
Product name: Plus CBD Oil Gold Hemp Softgels
Batch/Lot#: J19008-64
Strength: 15mg 60ct
Expiration: 10/21



<u>Physical properties</u>	<u>Result</u>	<u>Method</u>
Appearance	Pass	Organoleptic
Color	Pass	Organoleptic
Aroma	Pass	Organoleptic
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>
CBD	14.35	HPLC
CBDV	0.16	HPLC
CBDA	ND	HPLC
CBGA	ND	HPLC
CBG	0.18	HPLC
CBN	ND	HPLC
Δ ⁹ -THC	0.37	HPLC
CBC	1.39	HPLC
THCA	ND	HPLC
Total cannabinoids:	16.5 mg	
Sample size:	0.42 g (1 softgel)	
THC by mass:	0.0888 %	

ND = NOT DETECTED

Hayley Palmer
AUG 25 2020

Vandana Kothari
AUG 25 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.

10070 Barnes Canyon Road
San Diego, CA 92121
Vandana Kothari

Sample

2008DBL0270.7976

Batch FP-20-0557

Lot I19008-64

Ordered 8/24/2020

Completed 8/27/2020

Plus CBD Oil 15mg 60ct Gold Hemp Softgels EXP: 10/21

Cannabinoids

	15.35	3.66	0.42
Total CBD (mg/unit)			
% Total CBD			
Unit weight (g)			
Cannabinoid	LOQ %	Mass %	Mass Concentration mg/g
CBD	0.01	3.66	36.6
CBDA	0.01	0.03	0.3
d9-THC	0.01	0.11	1.1
THCA-A	0.01	<LOQ	<LOQ
d8-THC	0.01	<LOQ	<LOQ
THCV	0.01	<LOQ	<LOQ
CBDV	0.01	0.10	1.0
CBDVA	0.01	<LOQ	<LOQ
CBGA	0.01	<LOQ	<LOQ
CBG	0.01	0.04	0.4
CBN	0.01	<LOQ	<LOQ
CBC	0.01	0.17	1.7
CBL	0.01	<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
Spiromesfien	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	80	10,000
Enterobacteriaceae	PASS	<LOQ	80	1,000
Aerobic Bacteria	PASS	<LOQ	800	100,000
Coliforms	PASS	<LOQ	80	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	137	25	1500
Cadmium	PASS	<LOQ	25	500
Mercury	PASS	<LOQ	25	1000
Lead	PASS	<LOQ	25	500

1. The hemp extract is the product of a batch tested by the independent testing laboratory.
2. The batch contained a total delta-9-tetrahydrocannabinol concentration that did not exceed 0.3 percent pursuant to the testing of a random sample of the batch; and
3. The batch does not contain contaminants unsafe for human consumption.*



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. *Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.