



CV SCIENCES™

Certificate of Analysis
September 3, 2020

Sample ID: FP-20-0563
Product name: Plus CBD Oil Gold Hemp Softgels
Batch/Lot#: J19008-1-60237
Strength: 15mg 60ct
Expiration: 10/21
Analyst HP



<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	14.03	HPLC
CBDV	0.17	HPLC
CBDA	0.06	HPLC
CBGA	ND	HPLC
CBG	0.18	HPLC
CBN	ND	HPLC
Δ ⁹ -THC	0.38	HPLC
CBC	1.36	HPLC
THCA	ND	HPLC
Total cannabinoids:	16.2 mg	
Sample size:	0.41 g (1 softgel)	
THC by mass:	0.0944 %	

ND = NOT DETECTED

Hayley Palmer

SEP 03 2020

Vandana Kothari

SEP 08 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

2008DBL0387.8326

Batch FP-20-0563

Lot J19008-1-60237

Ordered 9/1/2020

Completed 9/4/2020

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

Cannabinoids

	15.92	3.79	0.42
Total CBD (mg/unit)		% Total CBD	Unit weight (g)
Cannabinoid	LOQ	Mass %	Mass % Concentration mg/g
CBD	0.01	3.79	37.9
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	0.09	0.9
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
Spiromesifen	PASS	<LOQ	10
Spirotetramat	PASS	<LOQ	10
Tebuconazole			
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	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
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	111	23	1500
Cadmium	PASS	<LOQ	23	500
Mercury	PASS	<LOQ	23	1000
Lead	PASS	29	23	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

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. *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.



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