



CV SCIENCES™
A LIFE SCIENCE COMPANY

Certificate of Analysis
November 12, 2019

Sample ID: FP-19-1501

Product name: Plus CBD Oil Hemp Gummies Cherry Mango

Batch/Lot#: PV102520192-30

Strength: 5mg 30ct

Expiration: 04/21

<u>Physical properties</u>	<u>Result</u>	<u>Method</u>	<u>Analyst</u>
Appearance	Pass	Organoleptic	HP
Color	Pass	Organoleptic	HP
Aroma	Pass	Organoleptic	HP
<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>	<u>Analyst:</u>
CBD	7.22	HPLC	HP
CBDV	0.07	HPLC	HP
CBDA	0.00	HPLC	HP
CBG	0.06	HPLC	HP
CBGA	0.00	HPLC	HP
CBC	0.54	HPLC	HP
CBN	0.00	HPLC	HP
Δ^9 -THC	0.13	HPLC	HP
THCA	0.00	HPLC	HP
Total cannabinoids:	8.0 mg		
Sample size:	3.99 g (1 gummy)		
THC by mass:	0.0033 %		

NOV 12 2019

NOV 25 2019

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.

2688 South Rainbow Blvd.

Las Vegas NV 89146

Dalia Chandler

Sample

AMENDED 1911DBL0139.10796

Batch PV102520192-30

Lot FP-19-1501

Ordered Tue, 12 Nov 2019 23:34

Completed 11/16/2019

Plus CBD Oil 5mg 30ct Hemp Gummies Cherry Mango EXP:04/21

Cannabinoids

	8.78	0.22	3.99
Total CBD (mg/unit)		% Total CBD	Unit weight (g)
Cannabinoid	LOQ	Mass %	Mass Concentration mg/g
CBD	0.00	0.22	2.2
CBDA	0.00	<LOQ	<LOQ
Δ9-THC	0.00	<LOQ	<LOQ
THCA-A	0.00	<LOQ	<LOQ
Δ8-THC	0.00	<LOQ	<LOQ
THCV	0.00	<LOQ	<LOQ
CBDV	0.00	<LOQ	<LOQ
CBDVA	0.00	<LOQ	<LOQ
CBGA	0.00	<LOQ	<LOQ
CBG	0.00	<LOQ	<LOQ
CBN	0.00	<LOQ	<LOQ
CBC	0.00	0.01	0.1
CBL	0.00	<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

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	46	2000
Cadmium	PASS	<LOQ	46	820
Mercury	PASS	<LOQ	46	400
Lead	PASS	<LOQ	46	1200

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

Water Activity Limit
0.6521 0.8500 Pass



Stacy Gardalen
Director

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. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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