



CV SCIENCES™

Certificate of Analysis  
April 12, 2021

**Sample ID:** FP-21-0078  
**Product Name:** PlusCBD Extra Strength Gummies – Cherry Mango  
**Batch/Lot #:** 20SM3315  
**Strength:** 10mg 30ct  
**Expiration:** 12/22  
**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/unit</u>	<u>Method</u>
CBD	10.29	HPLC
CBDV	0.06	HPLC
CBDA	ND	HPLC
CBGA	ND	HPLC
CBG	0.01	HPLC
CBN	ND	HPLC
Δ <sup>9</sup> -THC	0.07	HPLC
CBC	0.18	HPLC
THCA	ND	HPLC
<b>Total Cannabinoids</b>	<b>10.65 mg</b>	
<b>Sample Size</b>	<b>3.97 g (1 gummy)</b>	
<b>THC by Mass</b>	<b>0.0018 %</b>	

ND = NOT DETECTED

*Hayley Palmer*

APR 12 2021

*Ryan Santiago*

APR 12 2021

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
 Hayley Palmer, B.S.  
 Quality Analyst

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
 Ryan Santiago, B.S.  
 Senior Quality Associate

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

2104DBL0129.3812

Batch: FP-21-0078

Lot 20SM3315

Ordered 4/9/2021

Completed 4/16/2021

PlusCBD Extra Strength Gummies - 10mg Cherry Mango 30ct EXP: 12/22

Cannabinoids				
	<b>10.89</b>	<b>0.27</b>	<b>3.97</b>	
Total CBD (mg/unit)	% Total CBD		Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.005	0.27	2.7	
CBDa	0.005	<LOQ	<LOQ	
d9-THC	0.005	<LOQ	<LOQ	
THCA-A	0.005	<LOQ	<LOQ	
d8-THC	0.005	<LOQ	<LOQ	
THCV	0.005	<LOQ	<LOQ	
CBDV	0.005	<LOQ	<LOQ	
CBDVA	0.005	<LOQ	<LOQ	
CBGA	0.005	<LOQ	<LOQ	
CBG	0.005	<LOQ	<LOQ	
CBN	0.005	<LOQ	<LOQ	
CBC	0.005	<LOQ	<LOQ	
CBL	0.005	<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	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	33	24	1500
Cadmium	PASS	<LOQ	24	500
Mercury	PASS	<LOQ	24	1000
Lead	PASS	56	24	500

Water Activity: 0.3232 PASS Limit: 0.8500

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 (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.



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C8-0000052-LIC

**DISTRIBUTOR:**

CV Sciences  
10070 Barnes Canyon Road suite 100  
SAN DIEGO 92121  
n/a

**MANUFACTURER:**

CV Sciences, Inc.  
Attn: Vandana Kothari  
10070 Barnes Canyon Road, Suite 100  
San Diego, CA 92121



**SAMPLE INFORMATION**

Sample No.: 1079293  
Product Name: FP-21-0078 PlusCBD Extra Strength Gummies - 10mg Cherry Mango 30ct EXP: 12/22  
Matrix: Edible (Gummy)  
Batch #: 20SM3315

Date Collected: 04/09/2021  
Date Received: 04/09/2021  
Date Reported: 04/13/2021

**TEST SUMMARY**

Pesticides Residue Screen: ✔ Pass

Residual Solvent Screen: ✔ Pass

**PESTICIDES RESIDUE SCREEN** ✔ Pass

04/13/2021

Method: MF Z1P03D

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.04/0.10	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.04/0.10	ND	5.0	Pass
Aldicarb	0.04/0.10	ND	0.04	Pass
Azoxystrobin	0.04/0.10	ND	40.0	Pass
Bifenazate	0.04/0.10	ND	5.0	Pass
Bifenthrin	0.20/0.50	ND	0.5	Pass
Boscalid	0.04/0.10	ND	10.0	Pass
Captan	0.25/0.70	ND	5.0	Pass
Carbaryl	0.20/0.50	ND	0.5	Pass
Carbofuran	0.04/0.10	ND	0.04	Pass
Chlorantraniliprole	0.04/0.10	ND	40.0	Pass
Chlordane	0.04/0.10	ND	0.04	Pass
Chlorfenapyr	0.04/0.10	ND	0.04	Pass
Chlorpyrifos	0.04/0.10	ND	0.04	Pass
Clofentezine	0.04/0.10	ND	0.5	Pass
Coumaphos	0.04/0.10	ND	0.04	Pass
Cyfluthrin	0.70/2.00	ND	1.0	Pass
Cypermethrin	0.35/1.00	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
DDVP (Dichlorovous)	0.04/0.10	ND	0.04	Pass
Diazinon	0.04/0.10	ND	0.2	Pass
Dimethoate	0.04/0.10	ND	0.04	Pass
Dimethomorph	0.04/0.10	ND	20.0	Pass
Ethoprop(hos)	0.04/0.10	ND	0.04	Pass
Etofenprox	0.04/0.10	ND	0.04	Pass
Etoxazole	0.04/0.10	ND	1.5	Pass
Fenhexamid	0.04/0.10	ND	10.0	Pass
Fenoxycarb	0.04/0.10	ND	0.04	Pass
Fenpyroximate	0.04/0.10	ND	2.0	Pass
Fipronil	0.04/0.10	ND	0.04	Pass
Flonicamid	0.04/0.10	ND	2.0	Pass
Fludioxanil	0.04/0.10	ND	30.0	Pass
Hexythiazox	0.04/0.10	ND	2.0	Pass
Imazalil	0.04/0.10	ND	0.04	Pass
Imidacloprid	0.04/0.10	ND	3.0	Pass
Kresoxim Methyl	0.04/0.10	ND	1.0	Pass
Malathion	0.20/0.50	ND	5.0	Pass
Metalaxyl	0.04/0.10	ND	15.0	Pass
Methiocarb	0.04/0.10	ND	0.04	Pass
Methomyl	0.04/0.10	ND	0.1	Pass
Methyl parathion	0.04/0.10	ND	0.04	Pass
Mevinphos	0.04/0.10	ND	0.04	Pass

