

# CV Sciences Certificate of Analysis



*This document is to certify that units of the lot number below were tested and found to comply with CV Sciences finished product specifications.*

**SAMPLE ID:** FP-23-0105

**PRODUCT NAME:** PlusCBD Reserve gummies Dragon Fruit

Strength: 25mg CBD; 5mg THC 30ct

Lot Number: A105790823

Expiration Date: 08/25

CANNABINOIDS*	MG/UNIT	METHOD
CBD	27.63	HPLC-UV
CBDA	<LOQ	HPLC-UV
d9-THC	5.12	HPLC-UV
THCA-A	<LOQ	HPLC-UV
d8-THC	<LOQ	HPLC-UV
THCV	<LOQ	HPLC-UV
CBDV	0.22	HPLC-UV
CBDVA	<LOQ	HPLC-UV
CBGA	<LOQ	HPLC-UV
CBG	0.35	HPLC-UV
CBN	0.39	HPLC-UV
CBC	0.26	HPLC-UV
CBL	<LOQ	HPLC-UV

Total Cannabinoids 33.97 mg/unit

Sample Size 4.341G

THC by Mass 0.118%

<LOQ = Below Limit of Quantitation; LOQ = 0.0045%

HEAVY METALS*	STATUS (PASS/FAIL)	METHOD
Arsenic	PASS	ICP-MS
Cadmium	PASS	ICP-MS
Mercury	PASS	ICP-MS
Lead	PASS	ICP-MS

# CV Sciences Certificate of Analysis



MICROBIOLOGY*	STATUS (PASS/FAIL)	METHOD
Mold/Mildew/Yeast	PASS	Petrifilm or Agar Plates
Aerobic Bacteria	PASS	Petrifilm
Coliforms	PASS	Petrifilm
E. Coli	PASS	Blood Agar and PCR
Salmonella	PASS	Salmonella Petrifilm and PCR
Pseudomonas	PASS	Centrimide Selective Agar

PESTICIDES**	STATUS (PASS/FAIL)	METHOD
Total Pesticides	PASS	HPLC-MS
Mycotoxins	Pass	

RESIDUAL SOLVENTS**	STATUS (PASS/FAIL)	METHOD
Total Residual Solvents	PASS	HS-GC

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 random sample of the batch; and
3. The batch does not contain contaminants unsafe for human consumption.†

†Tested analytes and limits were set by CV Sciences, Inc.

DB Labs Sample ID #: 2308DBL0096.1661


\*Actual analytical results obtained by DB Labs (Las Vegas, NV), CV Sciences' third-party testing laboratory.

Anresco Laboratories Sample ID #: 1171900

\*\*Actual analytical results obtained by Anresco Laboratories (San Francisco, CA), CV Sciences' third-party testing laboratory.

This Certificate of Analysis has been generated to document product test results. The "Approved By" signature does not indicate finished product release for distribution.

## QUALITY APPROVAL

Prepared By / Date	Approved By / Date	Status
Vandana Kothari	 <small>I approve this document 06-Sep-2023   10:59 PDT</small>	PASS





# Certificate of Analysis

**CV Sciences, Inc.**

10070 Barnes Canyon Road  
San Diego, CA 92121  
Vandana Kothari

Sample

**2308DBL0096.1661**

Batch FP-23-0105  
Lot A105790823  
Ordered 8/31/2023

Completed 9/6/2023

**PlusCBD Reserve 5mg 30ct gummies Dragon Fruit exp 08/25 SKU 629**

## Cannabinoids

	<b>5.115</b>	<b>27.63</b>	<b>4.341</b>	
Total THC (mg/unit)	Total CBD (mg/unit)		Unit weight (g)	
Cannabinoid	LOQ	Mass	Mass	Concentration
	%	%	mg/g	
CBD	0.0045	0.636	6.36	
CBDa	0.0045	<LOQ	<LOQ	
d9-THC	0.0045	0.118	1.18	
THCA-A	0.0045	<LOQ	<LOQ	
d8-THC	0.0045	<LOQ	<LOQ	
THCV	0.0045	<LOQ	<LOQ	
CBDV	0.0045	0.005	0.05	
CBDVA	0.0045	<LOQ	<LOQ	
CBGA	0.0045	<LOQ	<LOQ	
CBG	0.0045	0.008	0.08	
CBN	0.0045	0.009	0.09	
CBC	0.0045	0.006	0.06	
CBL	0.0045	<LOQ	<LOQ	

Total CBD = CBDa + CBD

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	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	218	1500
Cadmium	PASS	<LOQ	218	500
Mercury	PASS	<LOQ	218	1000
Lead	PASS	<LOQ	218	500

Note: Metals were tested at another ISO accredited lab.

**Water Activity:** 0.641700 **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.\*



**CV SCIENCES**  
A LIFE SCIENCES COMPANY

*[Signature]*

Glen Marquez  
Director

*[Signature]*

Sherri Defreese  
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 (MMEM# 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.

September 05, 2023

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 547988  
Sample No. 1171900**SAMPLE INFORMATION**

**Description** FP-23-0105 PlusCBD Reserve 5mg 30ct gummies Dragon Fruit exp 08/25 SKU 629  
**Lot Number** A105790823  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** August 31, 2023

**ANALYTICAL RESULTS**

**Analysis** Residual Solvent Screen ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** MF-CHEM-32  
**Analysis Date** August 31, 2023 to September 05, 2023

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	1	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1	Pass
n-Butane	67/200	ND	5000	Pass
Chloroform	0.2/0.5	ND	1	Pass
Ethanol	67/200	ND	5000	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	1	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	5000	Pass
Methanol	67/200	ND	3000	Pass
Methylene chloride	0.2/0.5	ND	1	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	5000	Pass
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	1	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected



Jordean Vargas  
Analyst III

September 05, 2023

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

September 01, 2023

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 547988  
Sample No. 1171900**SAMPLE INFORMATION**

**Description** FP-23-0105 PlusCBD Reserve 5mg 30ct gummies Dragon Fruit exp 08/25 SKU 629  
**Lot Number** A105790823  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** August 31, 2023

**ANALYTICAL RESULTS**

**Analysis** Mycotoxins Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF-CHEM-13  
**Analysis Date** August 31, 2023 to September 01, 2023

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected

Alda Tar  
Analyst II

September 01, 2023

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September 01, 2023

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 547988  
Sample No. 1171900**SAMPLE INFORMATION**

**Description** FP-23-0105 PlusCBD Reserve 5mg 30ct gummies Dragon Fruit exp 08/25 SKU 629  
**Lot Number** A105790823  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** August 31, 2023

**ANALYTICAL RESULTS**

**Analysis** Pesticide Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF-CHEM-13  
**Analysis Date** August 31, 2023 to September 01, 2023

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.02/0.06	ND	5.0	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	40.0	Pass
Bifenazate	0.02/0.06	ND	5.0	Pass
Bifenthrin	0.04/0.10	ND	0.5	Pass
Boscalid	0.02/0.06	ND	10.0	Pass
Captan	0.2/0.6	ND	5.0	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.02/0.06	ND	0.02	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.08	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.5	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.02/0.06	ND	0.02	Pass
DDVP (Dichlorvos)	0.02/0.06	ND	0.02	Pass
Diazinon	0.02/0.06	ND	0.2	Pass
Dimethoate	0.02/0.06	ND	0.02	Pass
Dimethomorph	0.02/0.06	ND	20.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenhexamid	0.02/0.06	ND	10.0	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	2.0	Pass

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	2.0	Pass
Fludioxonil	0.02/0.06	ND	30.0	Pass
Hexythiazox	0.02/0.06	ND	2.0	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Kresoxim Methyl	0.02/0.06	ND	1.0	Pass
Malathion	0.02/0.06	ND	5.0	Pass
Metalaxyl	0.02/0.06	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.02/0.06	ND	0.1	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Naled	0.02/0.06	ND	0.5	Pass
Oxamyl	0.02/0.06	ND	0.2	Pass
Pacllobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.02/0.06	ND	0.02	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.02/0.06	ND	3.0	Pass
Spinetoram	0.02/0.06	ND	3.0	Pass
Spinosad	0.02/0.06	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.02/0.06	ND	13.0	Pass
Spiroxamine	0.02/0.06	ND	0.02	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.02/0.06	ND	0.02	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected



Alda Tan  
 Analyst II

September 01, 2023

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