

# 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-23-0111

**PRODUCT NAME:** PlusCBD Reserve Sleep gummy blackberry

Strength: 25mg CBD, 2.5mg THC, 5mg CBN per gummy

Lot Number: A105840923

Expiration Date: 09/25

CANNABINOIDS*	MG/UNIT	METHOD
CBD	28.78	HPLC-UV
CBDA	<LOQ	HPLC-UV
d9-THC	2.558	HPLC-UV
THCA-A	<LOQ	HPLC-UV
d8-THC	<LOQ	HPLC-UV
THCV	<LOQ	HPLC-UV
CBDV	<LOQ	HPLC-UV
CBDVA	<LOQ	HPLC-UV
CBGA	<LOQ	HPLC-UV
CBG	<LOQ	HPLC-UV
CBN	5.53	HPLC-UV
CBC	0.21	HPLC-UV
CBL	<LOQ	HPLC-UV

Total Cannabinoids 37.078 mg/unit

Sample Size 4.310g

THC by Mass 0.05%

<LOQ = Below Limit of Quantitation; LOQ = 0.005%

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
Melatonin**	4.43mg	UPLC

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 #: 2309DBL0032.1716


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

Anresco Laboratories Sample ID #: 1174155

\*\*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>DocuSigned by Vandana Kothari</small> <small>I approve this document</small> <small>21-Sep-2023   07:30 PDT</small> <small>87A410FFF03248738900BEED0868E359</small>	PASS

September 18, 2023

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 548518  
Sample No. 1174155**SAMPLE INFORMATION**

**Description** FP-23-0111 PlusCBD Reserve Sleep gummy 25mg CBD, 2.5mg THC, 5mg CBN 30ct Blackberry Exp  
09/25 SKU 630

**Lot Number** A105840923

**Category (Type)** Non-Inhalable Edible (Gummy)

**Received** September 15, 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** September 15, 2023 to September 18, 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

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

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Fenpyroximate	0.02/0.06	ND	2.0	Pass
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
Paclbutrazol	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



Alyssa Tabucan  
 Analyst I

September 18, 2023

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



# Certificate of Analysis

**CV Sciences, Inc.**

10070 Barnes Canyon Road  
 San Diego, CA 92121  
 Vandana Kothari

Sample

**2309DBL0032.1716**

Batch FP-23-0111  
 Lot A105840923  
 Ordered 9/15/2023

Completed 9/18/2023

**PlusCBD Reserve Sleep gummy 25mg CBD, 2.5mg THC, 5mg CBN 30ct Blackberry Exp 09/25 SKU 630**

Cannabinoids				
	<b>2.558</b>	<b>28.78</b>	<b>4.310</b>	
	Total THC (mg/unit)	Total CBD (mg/unit)		Unit weight (g)
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.0048	0.6678	6.678	
CBDA	0.0048	<LOQ	<LOQ	
d9-THC	0.0048	0.0593	0.593	
THCA-A	0.0048	<LOQ	<LOQ	
d8-THC	0.0048	<LOQ	<LOQ	
THCV	0.0048	<LOQ	<LOQ	
CBDV	0.0048	<LOQ	<LOQ	
CBDVA	0.0048	<LOQ	<LOQ	
CBGA	0.0048	<LOQ	<LOQ	
CBG	0.0048	<LOQ	<LOQ	
CBN	0.0048	0.1283	1.283	
CBC	0.0048	0.0049	0.049	
CBL	0.0048	<LOQ	<LOQ	

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.\*



*[Signature]*

Glen Marquez  
 Director

*[Signature]*

Sherri Defreese  
 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.



4439 Polaris Ave.  
 Las Vegas, NV 89103  
 (702)729-5180

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September 18, 2023

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
 San Diego, CA 92126

Order No. 548518  
 Sample No. 1174155

## SAMPLE INFORMATION

**Description** FP-23-0111 PlusCBD Reserve Sleep gummy 25mg CBD, 2.5mg THC, 5mg CBN 30ct Blackberry Exp  
 09/25 SKU 630  
**Lot Number** A105840923  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** September 15, 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** September 15, 2023 to September 18, 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




Alyssa Tabucan  
 Analyst I

September 18, 2023

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

September 19, 2023

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 548518  
Sample No. 1174155**SAMPLE INFORMATION**

**Description** FP-23-0111 PlusCBD Reserve Sleep gummy 25mg CBD, 2.5mg THC, 5mg CBN 30ct Blackberry Exp  
09/25 SKU 630

**Lot Number** A105840923

**Category (Type)** Non-Inhalable Edible (Gummy)

**Received** September 15, 2023

**ANALYTICAL RESULTS**

**Analysis** Residual Solvent Screen ✔ Pass

**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)

**Method** MF-CHEM-32

**Analysis Date** September 15, 2023 to September 19, 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	<LOQ	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 19, 2023

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

September 19, 2023

**CV SCIENCES, INC.**  
9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 548518  
Sample No. 1174155

## SAMPLE INFORMATION

<b>Description</b>	FP-23-0111 PlusCBD Reserve Sleep gummy 25mg CBD, 2.5mg THC, 5mg CBN 30ct Blackberry Exp 09/25 SKU 630
<b>Lot Number</b>	A105840923
<b>Category (Type)</b>	Non-Inhalable Edible (Gummy)
<b>Received</b>	September 15, 2023

## ANALYTICAL RESULTS

<b>Analysis</b>	Melatonin
<b>Instrument</b>	HPLC-DAD/FLD
<b>Method</b>	USP42-NF37 - Melatonin 5085
<b>Analysis Date</b>	September 15, 2023 to September 19, 2023

Analyte	Findings (mg/gummy)
Melatonin	4.43

Reported by  
**Anresco, Inc.**

ND = None Detected

Cathy Cheng  
Senior Analyst

September 19, 2023

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