

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:**PRODUCT NAME:**

Strength:

Lot Number:

Expiration Date:

CANNABINOIDS***MG/UNIT****METHOD**

CBD

CBDA

d9-THC

THCA-A

d8-THC

THCV

CBDV

CBDVA

CBGA

CBG

CBN

CBC

CBL

Total Cannabinoids

Sample Size

THC by Mass

OTHER ACTIVE INGREDIENTS**MG/UNIT****METHOD**

Lemon Balm Extract

Magnolia Extract

Melatonin ***

HEAVY METALS***STATUS (PASS/FAIL)****METHOD**

Arsenic

Cadmium

Mercury

Lead

CV Sciences Certificate of Analysis



MICROBIOLOGY*	STATUS (PASS/FAIL)	METHOD
Mold/Mildew/Yeast		
Aerobic Bacteria		
Coliforms		
E. Coli		
Salmonella		
Pseudomonas		

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

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

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 #:

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

Anresco Laboratories Sample ID #:

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

QUALITY APPROVAL

Prepared By / Date

Approved By / Date

Status

vandana kothari

Signed by Vandana Kothari

I approve this document
20-Sep-2024 | 13:04 PDT
87A410FFF03248738900BEED0868E359





Certificate of Analysis

September 16, 2024

CV SCIENCES, INC.
9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant) ✔ Pass
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date September 12, 2024 to September 16, 2024

Cannabinoid	mg/g	%	mg/serving	mg/package	Labeled mg/serving	% Difference (mg/serving)	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	ND	ND	ND	ND	-	-	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	2.87	0.287	11.48	344.41	10	14.80	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBG	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	0.12	0.012	0.49	14.72	-	-	-
Total THC	ND	ND	ND	ND	-	-	-
Total CBD	2.87	0.287	11.48	344.41	-	-	-
Total Cannabinoids	2.99	0.299	11.97	359.13	-	-	-
Sum of Cannabinoids	2.99	0.299	11.97	359.13	-	-	-
Serving Weight (g)	4.0058						
Package Weight (g)	120.17						

Reported by
Anresco, Inc.


Vicky Huang
Analyst I



September 16, 2024

ND = None Detected
LOD = Limit of Detection (0.0333 mg/g)
LOQ = Limit of Quantitation (0.1000 mg/g)
Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

If there are any questions with this report, please contact "compliance@anresco.com".

September 16, 2024

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Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

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Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

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 12, 2024 to September 16, 2024

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	0.017/0.05	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	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	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	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	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	0.017/0.05	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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Certificate of Analysis

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	0.017/0.05	ND	5.0	Pass
Metalaxyl	0.017/0.05	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	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	0.017/0.05	ND	0.5	Pass
Oxamyl	0.013/0.04	ND	0.2	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.017/0.05	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.013	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.017/0.05	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	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.013	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
 LOD = Limit of Detection
 LOQ = Limit of Quantitation




Blenda Cong
 Analyst II

September 16, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

September 16, 2024

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date September 12, 2024 to September 16, 2024

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	ND	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	<LOQ	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation


Alma Dorantes
Analyst I



September 16, 2024

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Certificate of Analysis

September 16, 2024

CV SCIENCES, INC.
9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

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 12, 2024 to September 16, 2024

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
LOD = Limit of Detection
LOQ = Limit of Quantitation



Blenda Cong
Analyst II

September 16, 2024

If there are any questions with this report, please contact "compliance@anresco.com".



Certificate of Analysis

September 20, 2024

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Date September 12, 2024 to September 20, 2024

Findings	Analysis	Results	Method
	Standard Plate Count	210 cfu/g	FDA BAM
	Yeast	<10 cfu/g	FDA BAM
	Mold	30 cfu/g	FDA BAM
	Coliforms	<10 cfu/g	FDA BAM - ECC AGAR
	Escherichia coli	<10 cfu/g	FDA BAM - ECC AGAR
	Salmonella	Negative /25g	MF-MICRO-11 (AOAC 2016.01)
	Staph aureus	Negative /25g	USP <62>

Reported by
Anresco, Inc.



Allen Zhu
Analyst

If there are any questions with this report, please contact "compliance@anresco.com".

page 1 of 1



Certificate of Analysis

September 16, 2024

CV SCIENCES, INC.
9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Heavy Metals ✔ Pass
Instrument Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Method MF-CHEM-16
Analysis Date September 12, 2024 to September 16, 2024

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	<LOQ	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.125	<LOQ	0.5	Pass

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation



Eric Tam
Senior Chemist

September 16, 2024

If there are any questions with this report, please contact "compliance@anresco.com".



Certificate of Analysis

September 13, 2024

CV SCIENCES, INC.
9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Melatonin
Instrument HPLC-DAD/FLD
Method USP42-NF37 - Melatonin 5085
Analysis Date September 12, 2024 to September 13, 2024

Analyte	Findings (mg/gummy)
Melatonin	4.62

Average gummy weight = 4.0921 gram

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation




Cathy Cheng
Senior Analyst

September 13, 2024

If there are any questions with this report, please contact "compliance@anresco.com".



Certificate of Analysis

September 16, 2024

CV SCIENCES, INC.
9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 560907
Sample No. 1243814

SAMPLE INFORMATION

Description FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26
Lot Number A107290924
Category (Type) Non-Inhalable Edible (Gummy)
Received September 12, 2024

ANALYTICAL RESULTS

Analysis Water Activity
Instrument Water Activity Meter
Method MF-CHEM-14
Analysis Date September 12, 2024 to September 16, 2024

Analyte	Findings	Limit	Status
Water Activity	0.68	0.85	Pass

Reported by
Anresco, Inc.

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LOQ = Limit of Quantitation




Eric Tam
Senior Chemist
September 16, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

Certificate Of Completion		
Envelope Id: EAD69A222D914856A68BEF942B2D986F	Status: Completed	
Subject: FP-24-0082 PlusCBD sleep Gummy 30ct SKU 602 exp 09/26 A107290924		
Source Envelope:		
Document Pages: 11	Signatures: 1	Envelope Originator:
Certificate Pages: 1	Initials: 0	Vandana Kothari
AutoNav: Enabled		vandana.kothari@cvsciences.com
Envelopeld Stamping: Enabled		IP Address: 64.207.219.135
Time Zone: (UTC-08:00) Pacific Time (US & Canada)		

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Status: Original	Holder: Vandana Kothari	Location: DocuSign
9/20/2024 1:02:29 PM	vandana.kothari@cvsciences.com	

Signer Events	Signature	Timestamp
Vandana Kothari		Sent: 9/20/2024 1:03:07 PM
vandana.kothari@cvsciences.com		Viewed: 9/20/2024 1:03:45 PM
DIRECTOR OF QUALITY		Signed: 9/20/2024 1:04:10 PM
CV Sciences - Part 11		
Security Level: Email, Account Authentication (Required)	Signature Adoption: Pre-selected Style	
	Signature ID:	
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Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	9/20/2024 1:03:07 PM
Certified Delivered	Security Checked	9/20/2024 1:03:45 PM
Signing Complete	Security Checked	9/20/2024 1:04:10 PM
Completed	Security Checked	9/20/2024 1:04:10 PM
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