

# 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.*

PRODUCT NAME:	SAMPLE ID:
Strength:	Expiration Date:
Lot Number:	Total Quantity Produced:

PHYSICAL PROPERTIES	STATUS (PASS/FAIL)	METHOD
Appearance		
Color		
Aroma		

CANNABINOIDS*	MG/UNIT	METHOD
CBD		
CBDA		
d9-THC		
THCA-A		
d8-THC		
THCV		
CBDV		
CBDVA		
CBGA		
CBG		
CBN		
CBC		
CBL		
Total Cannabinoids		
Unit Weight		
THC by Mass		

OTHER ACTIVE INGREDIENTS**	MG/UNIT	METHOD
Palmitoylethanolamide (PEA)		

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		

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.


Advanced Botanical Consulting & Testing Sample ID #:

\*\*Actual analytical results obtained by Advanced Botanical Consulting & Testing, Inc. (Tustin, CA), 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.

This Certificate of Analysis has been generated to document product test results.  
The "Prepared 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>27-Mar-2024 12:38 PDT</small> <small>87A410FF03248738900BEE0D0868E359</small>	PASS

March 25, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
 San Diego, CA 92126

Order No. 554282  
 Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 21, 2024

## ANALYTICAL RESULTS

**Analysis** Cannabinoid Profile (Non-Plant) ✔ Pass  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF-CHEM-15  
**Analysis Date** March 21, 2024 to March 25, 2024

Cannabinoid	mg/g	%	mg/serving	mg/package	Labeled mg/ serving	% Difference (mg/ serving)	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	<LOQ	<LOQ	<LOQ	<LOQ	-	-	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	40.06	4.006	22.67	1360.3	15	51.14	-
CBDA	28.03	2.803	15.87	951.99	15	5.78	-
CBC	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
Total CBD	64.64	6.464	36.59	2195.2	-	-	-
Total Cannabinoids	64.64	6.464	36.59	2195.2	-	-	-
Sum of Cannabinoids	68.09	6.809	38.54	2312.29	-	-	-
<b>Serving Weight (g)</b>	0.566						
<b>Package Weight (g)</b>	33.96						

**Comments** This result of this sample is confirmed with a retest.

Reported by  
**Anresco, Inc.**

  
 Ricky Liang  
 Analyst I



March 25, 2024

ND = None Detected  
 LOD = Limit of Detection ( 0.1333 mg/g)  
 LOQ = Limit of Quantitation ( 0.4000 mg/g)  
 Total THC = Δ9-THC + (0.877 \* Δ9-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](mailto:compliance@anresco.com)".

March 26, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
San Diego, CA 92126

Order No. 553948  
Sample No. 1200506

## SAMPLE INFORMATION

**Description** IP-24-0004 30mg Relief softgel inprocess bulk exp 02/26  
**Lot Number** C2400128  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 13, 2024

## ANALYTICAL RESULTS

**Analysis** PEA  
**Instrument** LC-MS/MS  
**Method** Micronized/ultramicrozoned palmitoylethanolamide displays superior oral efficacy compared to nonmicronized palmitoylethanolamide in a rat model of inflammatory pain, Journal of Neuroinflammation 2014, 11:136  
**Analysis Date** March 13, 2024 to March 26, 2024

Analyte	Findings (mg/softgel)
Palmitoylethanolamide	195

Reported by  
**Anresco, Inc.**

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



Cathy Cheng  
Senior Analyst

March 26, 2024

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

March 25, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
 San Diego, CA 92126

Order No. 554282  
 Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 21, 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** March 21, 2024 to March 25, 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	0.02	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	0.02	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.02	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.02	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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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
Pacllobutrazol	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	0.02	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	0.02	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	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  
 LOD = Limit of Detection  
 LOQ = Limit of Quantitation

  
 Khoa Nguyen  
 Analyst I



March 25, 2024

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

March 25, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
 San Diego, CA 92126

Order No. 554282  
 Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 21, 2024

## ANALYTICAL RESULTS

**Analysis** Residual Solvent Screen ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** MF-CHEM-32  
**Analysis Date** March 21, 2024 to March 25, 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	ND	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




Jordean Vargas  
 Analyst III

March 25, 2024

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

March 25, 2024

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 554282  
Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 21, 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** March 21, 2024 to March 25, 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

  
Khoa Nguyen  
Analyst I



March 25, 2024

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



March 27, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
San Diego, CA 92126

Order No. 554282  
Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Received** March 21, 2024

## ANALYTICAL RESULTS

**Analysis Date** March 21, 2024 to March 27, 2024

Findings	Analysis	Results	Method
	Standard Plate Count	<10 cfu/g	FDA BAM
	Yeast	<10 cfu/g	FDA BAM
	Mold	<10 cfu/g	FDA BAM
	Coliforms	<10 cfu/g	FDA BAM - ECC AGAR
	Escherichia coli	<10 cfu/g	FDA BAM - ECC AGAR
	Salmonella	Negative /25g	AOAC 2016.01
	Staph aureus	<10 cfu/g	AOAC 2003.07

Reported by  
**Anresco, Inc.**



Allen Zhu  
Analyst

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

page 1 of 1

March 25, 2024

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
San Diego, CA 92126

Order No. 554282  
Sample No. 1202623

## SAMPLE INFORMATION

**Description** FP-24-0034 PlusCBD Relief Softgel 60ct SKU 608 exp 02/26  
**Lot Number** A106580324  
**Category (Type)** Non-Inhalable Edible (Capsule)  
**Received** March 21, 2024

## ANALYTICAL RESULTS

**Analysis** Heavy Metals ✔ Pass  
**Instrument** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)  
**Method** MF-CHEM-16  
**Analysis Date** March 21, 2024 to March 25, 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	ND	0.5	Pass

Reported by  
**Anresco, Inc.**

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



Eric Tam  
Senior Chemist

March 25, 2024

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

**Certificate Of Completion**

Envelope Id: 66F0B92FBDAB404FAB87E86BBDA6179D	Status: Completed
Subject: FP-24-0034 PlusCBD Relief Softgel 60ct COA	
Source Envelope:	
Document Pages: 10	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator:
Enveloped Stamping: Enabled	Vandana Kothari
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	vandana.kothari@cvsciences.com
	IP Address: 64.207.219.135

**Record Tracking**

Status: Original	Holder: Vandana Kothari	Location: DocuSign
3/27/2024 12:32:31 PM	vandana.kothari@cvsciences.com	

**Signer Events**

Signer Events	Signature	Timestamp
Vandana Kothari vandana.kothari@cvsciences.com DIRECTOR OF QUALITY CV Sciences - Part 11 Security Level: Email, Account Authentication (Required)	  Signature Adoption: Pre-selected Style Signature ID: 87A410FF-F032-4873-8900-BEED0868E359 Using IP Address: 75.85.176.253  With Signing Authentication via DocuSign password With Signing Reasons (on each tab): I approve this document	Sent: 3/27/2024 12:33:32 PM Viewed: 3/27/2024 12:37:20 PM Signed: 3/27/2024 12:38:25 PM

**Electronic Record and Signature Disclosure:**  
Not Offered via DocuSign

**In Person Signer Events**

Signature	Timestamp
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**Editor Delivery Events**

Status	Timestamp
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**Agent Delivery Events**

Status	Timestamp
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**Intermediary Delivery Events**

Status	Timestamp
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**Certified Delivery Events**

Status	Timestamp
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**Carbon Copy Events**

Status	Timestamp
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**Witness Events**

Signature	Timestamp
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**Notary Events**

Signature	Timestamp
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**Envelope Summary Events**

Status	Timestamps
Envelope Sent	Hashed/Encrypted 3/27/2024 12:33:32 PM
Certified Delivered	Security Checked 3/27/2024 12:37:20 PM
Signing Complete	Security Checked 3/27/2024 12:38:25 PM
Completed	Security Checked 3/27/2024 12:38:25 PM

**Payment Events**

Status	Timestamps
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