

# 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.<sup>†</sup>

<sup>†</sup>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	<div><div> Signed by Vandana Kothari</div><div> I approve this document 18-Nov-2025   14:12 PST 87A410FF03248738900BEED0868E359</div></div>	pass



**ANALYZED BY:**

Anresco Laboratories  
1375 Van Dyke Avenue,  
San Francisco, CA 94124  
C8-0000052-LIC

**CUSTOMER:**

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

**SAMPLE INFORMATION**

**Sample No.:** 1359695  
**Product Name:** FP-25-0139 plusCBD Relief 30mg  
CBD/CBDA softgels 60CT  
**Matrix:** Edible (Capsule)  
**Lot #:** 52722

**Date Collected:** 11/10/2025  
**Date Received:** 11/11/2025  
**Date Reported:** 11/18/2025

**TEST SUMMARY**

**Cannabinoid Profile:** ✔ Pass  
**Pesticide Residue Screen:** ✔ Pass  
**Heavy Metal Screen:** ✔ Pass

**Microbiological Screen:** ✔ Tested  
**Residual Solvent Screen:** ✔ Pass  
**Mycotoxin Screen:** ✔ Pass

**Cannabinoid Profile** ✔ Pass

11/13/2025

**Method:** MF-CHEM-15  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Detection** 0.1333 mg/g  
**Limit of Quantitation** 0.4000 mg/g

Cannabinoid	mg/g	%	mg/serving	mg/package	Labeled mg/serving	% Difference	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	20.37	2.037	19.79	1187.33	-	-	-
CBDA	17.13	1.713	16.64	998.51	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	ND	-	-	-
Total CBD	35.39	3.539	34.38	2063.02	30	14.61	-
Total Cannabinoids	35.39	3.539	34.38	2063.02	-	-	-
Sum of Cannabinoids	37.50	3.750	36.43	2185.83	-	-	-
<b>Serving Weight (g)</b>	0.9716						
<b>Package Weight (g)</b>	58.296						

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)]

**Comment(s):**

Reported results and measurements are based off of a calculated hypothetical weight using the ratio between filling weight and total capsule weight as per client instruction. Only the filling material was tested.  
Full Weight: 0.9716g, Fill Weight: 0.6728g, and Shell Weight: 0.2988g.  
This result of this sample is confirmed with a retest.

## Microbiological Screen

11/18/2025

Analyte	Findings	Units	Method
Standard Plate Count	2,800	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/1g	-	AOAC 2016.01
Staphylococcus aureus	Negative/1g	-	FDA BAM

## Pesticide Residue Screen ✔ Pass

11/13/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) &amp; 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	0.02/0.06	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
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	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.013	Pass

# Certificate of Analysis

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
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

## Residual Solvent Screen ✔ Pass

11/13/2025

**Method:** MF-CHEM-32

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

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

## Heavy Metal Screen ✔ Pass

11/13/2025

**Method:** MF-CHEM-16

**Instrument:** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.003/0.05	ND	1.5	Pass
Cadmium	0.008/0.05	ND	0.5	Pass
Mercury	0.002/0.05	ND	3	Pass
Lead	0.01/0.125	ND	0.5	Pass

## Mycotoxin Screen ✔ Pass

11/13/2025

**Method:** MF-CHEM-13

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

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

# Certificate of Analysis

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

Reported by

 

Vu Lam  
Lab Co Director



Scan to verify

## Certificate Of Completion

Envelope Id: CC6D19FB-9258-446E-BFFD-99830F00AC69

Status: Completed

Subject: FP-25-0139 Relief Softgel 60ct

Source Envelope:

Document Pages: 6

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Vandana Kothari

AutoNav: Enabled

vandana.kothari@cvsciences.com

Envelopeld Stamping: Enabled

IP Address: 64.207.219.9

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

## Record Tracking

Status: Original

Holder: Vandana Kothari

Location: DocuSign

11/18/2025 2:00:48 PM

vandana.kothari@cvsciences.com

## Signer Events

## Signature

## Timestamp

Vandana Kothari

vandana.kothari@cvsciences.com

DIRECTOR OF QUALITY

CV Sciences - Part 11

Security Level: Email, Account Authentication  
(Required)

*Vandana Kothari*

Signature Adoption: Pre-selected Style

Signature ID:

87A410FF-F032-4873-8900-BEED0868E359

Using IP Address: 76.167.64.200

Sent: 11/18/2025 2:01:27 PM

Viewed: 11/18/2025 2:12:36 PM

Signed: 11/18/2025 2:13:00 PM

With Signing Authentication via Docusign password

With Signing Reasons (on each tab):

I approve this document

## Electronic Record and Signature Disclosure:

Not Offered via Docusign

## In Person Signer Events

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## Timestamp

## Editor Delivery Events

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## Intermediary Delivery Events

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## Notary Events

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## Envelope Summary Events

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## Timestamps

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11/18/2025 2:01:27 PM

Certified Delivered

Security Checked

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Signing Complete

Security Checked

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Completed

Security Checked

11/18/2025 2:13:00 PM

## Payment Events

## Status

## Timestamps