

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:
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Active Ingredients: _____

Lot Number: _____

Expiration Date: _____

ACTIVE INGREDIENTS**	PERCENTAGE %	METHOD
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Menthol _____

Camphor _____

OTHER INGREDIENTS* (CANNABINOIDS)	MG/UNIT	METHOD
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CBD _____

CBDA _____

d9-THC _____

THCA-A _____

d8-THC _____

THCV _____

CBDV _____

CBDVA _____

CBGA _____

CBG _____

CBN _____

CBC _____

CBL _____

Total Cannabinoids mg/unit

Unit Weight

THC by Mass

<LOQ = Below Limit of Quantitation; LOQ =

HEAVY METALS*	STATUS (PASS/FAIL)	METHOD
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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.
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	 <small>Signed by Vandana Kothari</small> <small>I approve this document</small> <small>26-Jun-2025 11:41 PDT</small> <small>87A410FFF03248738900BEE0868E359</small>	



ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

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



SAMPLE INFORMATION

Sample No.: 1310078
Product Name: FP-25-0058 THC-Free Penetrating Cream SKU 611 exp 05/27
Matrix: Topical (Other)
Lot #: 28F25

Date Collected: 06/06/2025
Date Received: 06/06/2025
Date Reported: 06/17/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Pass
Pesticide Residue Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Tested
Heavy Metal Screen: ✔ Pass
Menthol and Camphor: ✔ Tested

Cannabinoid Profile ✔ Pass

06/09/2025

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection: 0.0667 mg/g
Limit of Quantitation: 0.2000 mg/g

Cannabinoid	mg/g	%	mg/package	Labeled mg/package	% Difference	Status
Δ8-THC	ND	ND	ND	-	-	-
Δ9-THC	ND	ND	ND	-	-	Pass
Δ9-THCA	ND	ND	ND	-	-	-
THCV	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	-	-	-
CBD	18.58	1.858	1053.21	1000	5.32	-
CBDA	ND	ND	ND	-	-	-
CBC	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	-	-	-
CBG	<LOQ	<LOQ	<LOQ	-	-	-
CBGA	ND	ND	ND	-	-	-
CBN	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	-	-	-
Total CBD	18.58	1.858	1053.21	-	-	-
Total Cannabinoids	18.58	1.858	1053.21	-	-	-
Sum of Cannabinoids	18.58	1.858	1053.21	-	-	-
Package Weight (g)	56.7					

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)]

Microbiological Screen

06/17/2025

Analyte	Findings	Units	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
Pseudomonas	Negative	/10g	USP <62>
Staph aureus	Negative	/10g	USP <62>



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Pesticide Residue Screen ✔ Pass

06/11/2025

Method: MF-CHEM-13

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

Analyte	LOD/LOQ (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
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

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Heavy Metal Screen ✔ Pass

06/11/2025

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

06/11/2025

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

Menthol and Camphor

06/10/2025

Method: USP 40 NF 35

Instrument: GC-FID

Analyte	LOD / LOQ (%)	Findings (%)
Menthol	0.05/0.30	10.4
Camphor	0.05/0.30	11.6

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: 2A3D9827-908F-43A9-B966-2B3730255C52

Status: Completed

Subject: FP-25-0058 THC-Free Penetrating Cream.pdf

Source Envelope:

Document Pages: 5

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Vandana Kothari

AutoNav: Enabled

vandana.kothari@cvsciences.com

Envelopeld Stamping: Enabled

IP Address: 64.207.219.71

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

Record Tracking

Status: Original

Holder: Vandana Kothari

Location: DocuSign

6/26/2025 11:07:51 AM

vandana.kothari@cvsciences.com

Signer Events

Signature

Timestamp

Vandana Kothari

Sent: 6/26/2025 11:09:43 AM

vandana.kothari@cvsciences.com

Viewed: 6/26/2025 11:41:45 AM

DIRECTOR OF QUALITY

Signed: 6/26/2025 11:42:11 AM

CV Sciences - Part 11

Signature Adoption: Pre-selected Style

Security Level: Email, Account Authentication (Required)

Signature ID:

87A410FF-F032-4873-8900-BEED0868E359

Using IP Address: 76.167.64.200

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

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

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Intermediary Delivery Events

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Certified Delivery Events

Status

Timestamp

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Witness Events

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Timestamp

Notary Events

Signature

Timestamp

Envelope Summary Events

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Timestamps

Envelope Sent

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6/26/2025 11:09:43 AM

Certified Delivered

Security Checked

6/26/2025 11:41:45 AM

Signing Complete

Security Checked

6/26/2025 11:42:11 AM

Completed

Security Checked

6/26/2025 11:42:11 AM

Payment Events

Status

Timestamps