

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:**

Active Ingredients:

Lot Number:

Expiration Date:

ACTIVE INGREDIENTS****PERCENTAGE %****METHOD**

Menthol

Camphor

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

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**

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

Signed by Vandana Kothari

I approve this document
08-May-2025 | 09:21 PDT
87A410FFFF032487389008EED0868E359




May 02, 2025

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 571127
Sample No. 1300495

SAMPLE INFORMATION


Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)  **Pass**
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date May 01, 2025 to May 02, 2025

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	19.18	1.918	1087.37	1000	8.74	-
CBDA	ND	ND	ND	-	-	-
CBC	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	-	-	-
CBDV	<LOQ	<LOQ	<LOQ	-	-	-
CBG	<LOQ	<LOQ	<LOQ	-	-	-
CBGA	ND	ND	ND	-	-	-
CBN	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	-	-	-
Total CBD	19.18	1.918	1087.37	-	-	-
Total Cannabinoids	19.18	1.918	1087.37	-	-	-
Sum of Cannabinoids	19.18	1.918	1087.37	-	-	-
Package Weight (g)	56.7					

Reported by
Anresco, Inc.


Donald Lao
Analyst II

May 02, 2025



NT = Not Tested
ND = None Detected
LOD = Limit of Detection (0.1 mg/g)
LOQ = Limit of Quantitation (0.4 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".

May 05, 2025

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

Order No. 571127

Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

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 May 01, 2025 to May 05, 2025

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

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

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.

NT = Not Tested
 ND = None Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantitation


 Alda Tan
 Analyst III



May 05, 2025

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

May 05, 2025

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 571127
Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date May 01, 2025 to May 05, 2025

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	Not Applicable	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	Not Applicable	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.

NT = Not Tested
ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Alma Dorantes
Analyst I



May 05, 2025

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



Certificate of Analysis

May 05, 2025

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

Order No. 571127
Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

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 May 01, 2025 to May 05, 2025

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.

NT = Not Tested
ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation


Alda Tan
Analyst III



May 05, 2025

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

May 06, 2025

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 571127
Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Received May 01, 2025

ANALYTICAL RESULTS

Analysis Date May 01, 2025 to May 06, 2025

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
	Pseudomonas	Negative /10g	USP <62>
	Staph aureus	Negative /10g	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

May 05, 2025

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 571127

Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

ANALYTICAL RESULTS

Analysis Heavy Metals ✔ Pass
Instrument Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Method MF-CHEM-16
Analysis Date May 01, 2025 to May 05, 2025

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

Reported by
Anresco, Inc.

NT = Not Tested
ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation



Eric Tam
Senior Chemist

May 05, 2025

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

May 02, 2025

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 571127

Sample No. 1300495

SAMPLE INFORMATION

Description FP-25-0033 THC-Free Penetrating Cream SKU 611 exp 03/27
Lot Number 60C25
Category (Type) Non-Inhalable Topical (Other)
Received May 01, 2025

ANALYTICAL RESULTS

Analysis Menthol and Camphor
Instrument GC-FID
Method USP 40 NF35
Analysis Date May 01, 2025 to May 02, 2025

Analyte	LOD / LOQ (%)	Findings (%)
Menthol	0.05/0.30	10.2
Camphor	0.05/0.30	11.4

Reported by
Anresco, Inc.

NT = Not Tested
ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation



Hingman Mang
Senior Chemist
May 02, 2025

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

Certificate Of Completion

Envelope Id: 0096609E-EA70-47EF-930A-DFE2706D742E

Status: Completed

Subject: FP-25-0033 THC-Free Penetrating Cream.pdf

Source Envelope:

Document Pages: 10

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Vandana Kothari

AutoNav: Enabled

vandana.kothari@cvsciences.com

Envelopeld Stamping: Enabled

IP Address: 64.207.219.8

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

Record Tracking

Status: Original

Holder: Vandana Kothari

Location: DocuSign

5/8/2025 9:13:03 AM

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: 75.85.176.253

Sent: 5/8/2025 9:13:58 AM

Viewed: 5/8/2025 9:20:10 AM

Signed: 5/8/2025 9:21:20 AM

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

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Witness Events

Signature

Timestamp

Notary Events

Signature

Timestamp

Envelope Summary Events

Status

Timestamps

Envelope Sent

Hashed/Encrypted

5/8/2025 9:13:58 AM

Certified Delivered

Security Checked

5/8/2025 9:20:10 AM

Signing Complete

Security Checked

5/8/2025 9:21:20 AM

Completed

Security Checked

5/8/2025 9:21:20 AM

Payment Events

Status

Timestamps