

# 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	 Signed by Vandana Kothari   approve this document 15-Jan-2025 10:24 PST 87A410FF03248738900BEED0868E359	



January 12, 2025

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

Order No. 565582  
Sample No. 1268502

## SAMPLE INFORMATION

**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 2025

## ANALYTICAL RESULTS

**Analysis** Cannabinoid Profile (Non-Plant) ✔ Pass  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF-CHEM-15  
**Analysis Date** January 09, 2025 to January 12, 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	20.65	2.065	1171.11	1000	17.11	-
CBDA	ND	ND	ND	-	-	-
CBC	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	-	-	-
CBDV	<LOQ	<LOQ	<LOQ	-	-	-
CBG	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	-	-	-
CBN	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	-	-	-
Total CBD	20.65	2.065	1171.11	-	-	-
Total Cannabinoids	20.65	2.065	1171.11	-	-	-
Sum of Cannabinoids	20.65	2.065	1171.11	-	-	-
<b>Package Weight (g)</b>	56.7					

Reported by  
**Anresco, Inc.**

  
Donald Lao  
Analyst II



January 12, 2025

ND = None Detected  
LOD = Limit of Detection ( 0.0667 mg/g)  
LOQ = Limit of Quantitation ( 0.2000 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](mailto:compliance@anresco.com)".



# Certificate of Analysis

January 13, 2025

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9530 Padgett Street, Suite 107  
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Order No. 565582  
Sample No. 1268502

## SAMPLE INFORMATION

**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 2025

## ANALYTICAL RESULTS

**Analysis** Menthol and Camphor  
**Instrument** GC-FID  
**Method** USP 40 NF35  
**Analysis Date** January 09, 2025 to January 13, 2025

Analyte	LOD / LOQ (%)	Findings (%)
Menthol	0.05/0.30	10.7
Camphor	0.05/0.30	11.5

Reported by  
**Anresco, Inc.**

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

  
**Hingman Mang**  
 Senior Chemist  
 January 13, 2025



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January 14, 2025

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
 San Diego, CA 92126

Order No. 565582  
 Sample No. 1268502

## SAMPLE INFORMATION

**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 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** January 09, 2025 to January 14, 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

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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
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

  
  
 Angela Zhu  
 Analyst I

January 14, 2025

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

January 14, 2025

**CV SCIENCES, INC.**

9530 Padgett Street, Suite 107  
San Diego, CA 92126

Order No. 565582  
Sample No. 1268502

## SAMPLE INFORMATION

**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 2025

## ANALYTICAL RESULTS

**Analysis** Residual Solvent Screen ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** MF-CHEM-32  
**Analysis Date** January 09, 2025 to January 14, 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.**

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

  
Alma Dorantes  
Analyst I



January 14, 2025

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January 14, 2025

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9530 Padgett Street, Suite 107  
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Order No. 565582  
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### SAMPLE INFORMATION

**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 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** January 09, 2025 to January 14, 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.**

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LOD = Limit of Detection  
LOQ = Limit of Quantitation

  
Angela Zhu  
Analyst I



January 14, 2025

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# Certificate of Analysis

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 San Diego, CA 92126

Order No. 565582  
 Sample No. 1268502

## SAMPLE INFORMATION

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**Lot Number** 20R24  
**Received** January 09, 2025

## ANALYTICAL RESULTS

**Analysis Date** January 09, 2025 to January 14, 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



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page 1 of 1

January 14, 2025

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9530 Padgett Street, Suite 107  
San Diego, CA 92126

Order No. 565582  
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**Description** FP-25-0005 THC-Free Penetrating Cream SKU 611 exp 12/26  
**Lot Number** 20R24  
**Category (Type)** Non-Inhalable Topical (Other)  
**Received** January 09, 2025

## ANALYTICAL RESULTS

**Analysis** Heavy Metals ✔ Pass  
**Instrument** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)  
**Method** MF-CHEM-16  
**Analysis Date** January 09, 2025 to January 14, 2025

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	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

January 14, 2025

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

## Certificate Of Completion

Envelope Id: 8A7A134B-5942-4EE7-ACA9-3F1B12831075  
 Subject: FP-25-0005 THC-Free Penetrating Cream SKU 611  
 Source Envelope:  
 Document Pages: 10  
 Certificate Pages: 1  
 AutoNav: Enabled  
 Envelopeld Stamping: Enabled  
 Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Status: Completed  
 Envelope Originator:  
 Vandana Kothari  
 vandana.kothari@cvsciences.com  
 IP Address: 64.207.219.136

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 Holder: Vandana Kothari  
 vandana.kothari@cvsciences.com  
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 Security Level: Email, Account Authentication  
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## Signature

*Vandana Kothari*  
 Signature Adoption: Pre-selected Style  
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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	1/15/2025 9:15:21 AM
Certified Delivered	Security Checked	1/15/2025 9:24:02 AM
Signing Complete	Security Checked	1/15/2025 9:24:28 AM
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