

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 Vandana Kothari I approve this document 23-Oct-2024 13:32 PDT 87A419FF03248738900BEED086E398	



October 17, 2024

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

Order No. 562275
Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant) ✔ Pass
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date October 17, 2024

Cannabinoid	mg/g	%	mg/package	Labeled mg/package	% Difference (mg/package)	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	18.77	1.877	1064.33	1000	6.43	-
CBDA	ND	ND	ND	-	-	-
CBC	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	-	-	-
CBG	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	-	-	-
CBN	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	-	-	-
Total CBD	18.77	1.877	1064.33	-	-	-
Total Cannabinoids	18.77	1.877	1064.33	-	-	-
Sum of Cannabinoids	18.77	1.877	1064.33	-	-	-
Package Weight (g)	56.7					

Reported by
Anresco, Inc.



Stephanie Sun
Senior Analyst

October 17, 2024

ND = None Detected
LOD = Limit of Detection (0.067 mg/g)
LOQ = Limit of Quantitation (0.2 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".

October 21, 2024

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 562275
Sample No. 1251107**SAMPLE INFORMATION**

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 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 October 17, 2024 to October 21, 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	0.017	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
Fonicamid	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	0.013	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


Khoa Nguyen
Analyst II



October 21, 2024

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

October 21, 2024

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

Order No. 562275
Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 2024

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date October 17, 2024 to October 21, 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	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	<LOQ	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

October 21, 2024

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



Certificate of Analysis

October 21, 2024

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

Order No. 562275
 Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 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 October 17, 2024 to October 21, 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 II



October 21, 2024

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



Certificate of Analysis

October 23, 2024

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

Order No. 562275
 Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Received October 17, 2024

ANALYTICAL RESULTS

Analysis Date October 17, 2024 to October 23, 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
	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".

October 21, 2024

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

Order No. 562275
Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 2024

ANALYTICAL RESULTS

Analysis Heavy Metals ✔ Pass
Instrument Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Method MF-CHEM-16
Analysis Date October 17, 2024 to October 21, 2024

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

October 21, 2024

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



Certificate of Analysis

October 17, 2024

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

Order No. 562275
 Sample No. 1251107

SAMPLE INFORMATION

Description FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26
Lot Number 38L24
Category (Type) Non-Inhalable Topical (Other)
Received October 17, 2024

ANALYTICAL RESULTS

Analysis Menthol and Camphor
Instrument GC-FID
Method USP 40 NF35
Analysis Date October 17, 2024

Analyte	LOD / LOQ (%)	Findings (%)
Menthol	0.05/0.30	10.6
Camphor	0.05/0.30	11.7

Reported by
Anresco, Inc.

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


Hingman Mang
 Senior Chemist



October 17, 2024

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

Certificate Of Completion

Envelope Id: EDC3FC7F914C4E7EADDA289F269AB471	Status: Completed
Subject: FP-24-0100 pluscbd penetrating cream SKU 611 exp 09/26 38L24	
Source Envelope:	
Document Pages: 10	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelopeld Stamping: Enabled	Vandana Kothari
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	vandana.kothari@cvsciences.com
	IP Address: 64.207.219.137

Record Tracking

Status: Original	Holder: Vandana Kothari	Location: DocuSign
10/23/2024 1:29:35 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: 10/23/2024 1:30:13 PM Viewed: 10/23/2024 1:32:33 PM Signed: 10/23/2024 1:32:57 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 10/23/2024 1:30:13 PM
Certified Delivered	Security Checked 10/23/2024 1:32:33 PM
Signing Complete	Security Checked 10/23/2024 1:32:57 PM
Completed	Security Checked 10/23/2024 1:32:57 PM

Payment Events

Status	Timestamps
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