

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.

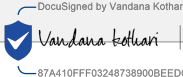
DB Labs Sample ID #:

*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	 <small>DocuSigned by Vandana Kothari</small> <small>I approve this document</small> <small>09-Nov-2023 11:02 PST</small> <small>87A410FFF03248738900BEEED068E359</small>	





Certificate of Analysis

CV Sciences, Inc.

10070 Barnes Canyon Road
San Diego, CA 92121
Vandana Kothari

Sample

2310DBL0082.1938

Batch FP-23-0130
Lot 39M23

Ordered 10/27/2023

Completed 11/1/2023

PlusCBD penetrating cream 2oz SKU 611 exp 10/25

Cannabinoids				
	1213	2.140	56.70	
Total CBD (mg/unit)	% Total CBD		Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.0049	2.140	21.40	
CBDA	0.0049	<LOQ	<LOQ	
d9-THC	0.0049	<LOQ	<LOQ	
THCA-A	0.0049	<LOQ	<LOQ	
d8-THC	0.0049	<LOQ	<LOQ	
THCV	0.0049	<LOQ	<LOQ	
CBDV	0.0049	0.008	0.08	
CBDVA	0.0049	<LOQ	<LOQ	
CBGA	0.0049	<LOQ	<LOQ	
CBG	0.0049	<LOQ	<LOQ	
CBN	0.0049	<LOQ	<LOQ	
CBC	0.0049	<LOQ	<LOQ	
CBL	0.0049	<LOQ	<LOQ	

Total CBD = CBDa + CBD

Microbiology				
Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	8	10,000
Enterobacteriaceae	PASS	<LOQ	8	1,000
Aerobic Bacteria	PASS	<LOQ	8	100,000
Coliforms	PASS	<LOQ	8	1,000
Qualitative Analysis		Detected or Not-detected		
E. Coli	PASS	Not-detected		
Salmonella	PASS	Not-detected		
Pseudomonas	PASS	Not-detected		

Heavy Metals				
Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	<LOQ	95	1500
Cadmium	PASS	<LOQ	95	500
Mercury	PASS	<LOQ	95	1000
Lead	PASS	<LOQ	95	500

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 a random sample of the batch; and
3. The batch does not contain contaminants unsafe for human consumption.*



[Signature]

Glen Marquez
Director

[Signature]

Sherri Defreese
Quality Control



4439 Polaris Ave.
Las Vegas, NV 89103
(702)729-5180

www.kaychalabs.com

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MMEM# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. *Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

October 31, 2023

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
 San Diego, CA 92126

Order No. 549734
 Sample No. 1179030

SAMPLE INFORMATION

Description FP-23-0130 PlusCBD penetrating cream 2oz SKU 611 exp 10/25
Lot Number 39M23
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received October 27, 2023

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 27, 2023 to October 31, 2023

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



Alda Tan
 Analyst II

October 31, 2023

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

October 31, 2023

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San Diego, CA 92126Order No. 549734
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Lot Number 39M23
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received October 27, 2023


ANALYTICAL RESULTS

Analysis Menthol and Camphor
Instrument GC-FID
Method USP 40 NF35
Analysis Date October 27, 2023 to October 31, 2023

Analyte	LOD / LOQ (%)	Findings (%)
Menthol	0.05/0.30	10.2
Camphor	0.05/0.30	11.3

Reported by
Anresco, Inc.

ND = None Detected


Hingman Mang
Senior Chemist

October 31, 2023

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October 31, 2023

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
 San Diego, CA 92126

Order No. 549734
 Sample No. 1179030

SAMPLE INFORMATION

Description FP-23-0130 PlusCBD penetrating cream 2oz SKU 611 exp 10/25
Lot Number 39M23
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received October 27, 2023

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 27, 2023 to October 31, 2023

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	0.02/0.06	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	0.02/0.06	ND	0.02	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.08	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	0.02/0.06	ND	0.02	Pass
DDVP (Dichlorvos)	0.02/0.06	ND	0.02	Pass
Diazinon	0.02/0.06	ND	0.2	Pass
Dimethoate	0.02/0.06	ND	0.02	Pass
Dimethomorph	0.02/0.06	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	0.02/0.06	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	0.02/0.06	ND	5.0	Pass
Metalaxyl	0.02/0.06	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.02/0.06	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	0.02/0.06	ND	0.5	Pass
Oxamyl	0.02/0.06	ND	0.2	Pass
Pacllobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.04/0.10	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	0.02/0.06	ND	0.02	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.02/0.06	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	0.02/0.06	ND	0.02	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.02/0.06	ND	0.02	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



Alda Tarantino
 Analyst II

October 31, 2023

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October 31, 2023

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
 San Diego, CA 92126

Order No. 549734
 Sample No. 1179030

SAMPLE INFORMATION

Description FP-23-0130 PlusCBD penetrating cream 2oz SKU 611 exp 10/25
Lot Number 39M23
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received October 27, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date October 27, 2023 to October 31, 2023

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	1	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1	Pass
n-Butane	67/200	ND	5000	Pass
Chloroform	0.2/0.5	ND	1	Pass
Ethanol	67/200	ND	Not Applicable	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	1	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	Not Applicable	Pass
Methanol	67/200	ND	3000	Pass
Methylene chloride	0.2/0.5	ND	1	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	5000	Pass
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	1	Pass

Reported by
Anresco, Inc.

ND = None Detected


 Alma Dorantes
 Analyst I



October 31, 2023

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


Certificate Of Completion

Envelope Id: F150AFAA9ECE43C8AE021404C0ACC5F2	Status: Completed
Subject: FP-23-0130 PlusCBD penetrating cream 2oz SKU 611 exp 10/25 39M23	
Source Envelope:	
Document Pages: 8	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: 64.207.219.73

Record Tracking

Status: Original	Holder: Vandana Kothari	Location: DocuSign
11/6/2023 11:03:27 AM	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: 11/9/2023 5:01:46 PM Viewed: 11/9/2023 5:01:57 PM Signed: 11/9/2023 5:02:58 PM

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

In Person Signer Events

Editor Delivery Events

Agent Delivery Events

Intermediary Delivery Events

Certified Delivery Events

Carbon Copy Events

Witness Events

Notary Events

Envelope Summary Events

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	11/9/2023 5:01:47 PM
Certified Delivered	Security Checked	11/9/2023 5:01:57 PM
Signing Complete	Security Checked	11/9/2023 5:02:58 PM
Completed	Security Checked	11/9/2023 5:02:58 PM

Payment Events

Payment Events	Status	Timestamps
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