

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:
Strength:	Expiration Date:
Lot Number:	Total Quantity Produced:

PHYSICAL PROPERTIES	STATUS (PASS/FAIL)	METHOD
Appearance		
Color		
Aroma		

CANNABINOIDS*	MG/UNIT	METHOD
CBD		
CBDA		
d9-THC		
THCA-A		
d8-THC		
THCV		
CBDV		
CBDVA		
CBGA		
CBG		
CBN		
CBC		
CBL		
Total Cannabinoids		
Unit Weight		
THC by Mass		

OTHER ACTIVE INGREDIENTS**	MG/UNIT	METHOD
Palmitoylethanolamide (PEA)		

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		

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; and
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.

Advanced Botanical Consulting & Testing Sample ID #:

**Actual analytical results obtained by Advanced Botanical Consulting & Testing, Inc. (Tustin, CA), 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.

This Certificate of Analysis has been generated to document product test results.
The "Prepared By" signature does not indicate finished product release for distribution.

QUALITY APPROVAL

Prepared By / Date

Approved By / Date

Status

Vandana Kothari

DocuSigned by Vandana Kothari

 I approve this document
 28-Sep-2023 | 13:40 PDT
 87A410FFF03248738900BEED0868E359





Certificate of Analysis

CV Sciences, Inc.

10070 Barnes Canyon Road
San Diego, CA 92121
Vandana Kothari

Sample

2309DBL0064.1775

Batch FP-23-0113
Lot 3310395250
Ordered 9/25/2023

Completed 9/28/2023

PlusCBD relief softgel 60ct SKU 608 exp 02/25

Cannabinoids				
	36.43	4.307	0.8458	
Total CBD (mg/unit)	% Total CBD	Mass	Mass	Concentration
	%	%	mg/g	
Cannabinoid	LOQ	Mass	Mass	Concentration
CBD	0.0061	2.701	27.01	
CBDa	0.0061	1.606	16.06	
d9-THC	0.0061	0.015	0.15	
THCA-A	0.0061	<LOQ	<LOQ	
d8-THC	0.0061	<LOQ	<LOQ	
THCV	0.0061	<LOQ	<LOQ	
CBDV	0.0061	0.013	0.13	
CBDVA	0.0061	0.013	0.13	
CBGA	0.0061	0.010	0.10	
CBG	0.0061	<LOQ	<LOQ	
CBN	0.0061	<LOQ	<LOQ	
CBC	0.0061	0.012	0.12	
CBL	0.0061	<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	100	10,000
Enterobacteriaceae	PASS	<LOQ	100	1,000
Aerobic Bacteria	PASS	<LOQ	1000	100,000
Coliforms	PASS	<LOQ	100	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	125	1500
Cadmium	PASS	<LOQ	125	500
Mercury	PASS	<LOQ	125	1000
Lead	PASS	<LOQ	125	500

Note: Metals were tested at another ISO accredited lab.
 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.*



Glen Marquez
Director

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.

February 22, 2023

CV SCIENCES, INC.

10070 Barnes Canyon Road, Suite 100
 San Diego, CA 92121

Order No. 541720
 Sample No. 1151530

SAMPLE INFORMATION

Description FP-23-0037 Plus CBD bulk Relief Softgel exp 02/25 SKU: 626
Lot Number C2202267
Category (Type) Non-Inhalable Edible (Capsule)
Received February 22, 2023

ANALYTICAL RESULTS

Analysis PEA
Instrument HPLC-DAD
Method Micronized/ultramicronized palmitoylethanolamide displays superior oral efficacy compared to nonmicronized palmitoylethanolamide in a rat model of inflammatory pain, Journal of Neuroinflammation 2014, 11:136
Analysis Date February 22, 2023

Analyte	Findings (mg/softgel)
Palmitoylethanolamide	199

Comments Found 352 mg/g content
 Fill weight for one softgel = 0.565 gram

Reported by
Anresco, Inc.

ND = None Detected




Cathy Cheng
 Senior Analyst

February 22, 2023

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

September 27, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 548796
Sample No. 1175075**SAMPLE INFORMATION**

Description FP-23-0113 PlusCBD relief softgel 60ct SKU 608 exp 02/25
Lot Number 3310395250
Category (Type) Non-Inhalable Edible (Capsule)
Received September 25, 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 September 25, 2023 to September 27, 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



Alyssa Tabuca
 Analyst I

September 27, 2023

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

September 27, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 548796
Sample No. 1175075**SAMPLE INFORMATION**

Description FP-23-0113 PlusCBD relief softgel 60ct SKU 608 exp 02/25
Lot Number 3310395250
Category (Type) Non-Inhalable Edible (Capsule)
Received September 25, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date September 25, 2023 to September 27, 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	5000	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	5000	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




Jordean Vargas
 Analyst III

September 27, 2023

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

September 27, 2023

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

Order No. 548796
 Sample No. 1175075

SAMPLE INFORMATION

Description FP-23-0113 PlusCBD relief softgel 60ct SKU 608 exp 02/25
Lot Number 3310395250
Category (Type) Non-Inhalable Edible (Capsule)
Received September 25, 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 September 25, 2023 to September 27, 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




Alyssa Tabucan
 Analyst I

September 27, 2023

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

Certificate Of Completion

Envelope Id: 85E046B4429042F2B9C728ECBAA88F3B	Status: Completed
Subject: FP-23-0113 PlusCBD relief softgel 60ct SKU 608 exp 02/25 3310395250	
Source Envelope:	
Document Pages: 8	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator:
Enveloped Stamping: Enabled	Vandana Kothari
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	vandana.kothari@cvsciences.com
	IP Address: 162.248.186.11

Record Tracking

Status: Original	Holder: Vandana Kothari	Location: DocuSign
9/28/2023 1:35:28 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)	<i>Vandana Kothari</i> 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: 9/28/2023 1:36:18 PM Viewed: 9/28/2023 1:39:31 PM Signed: 9/28/2023 1:40:59 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 9/28/2023 1:36:18 PM
Certified Delivered	Security Checked 9/28/2023 1:39:31 PM
Signing Complete	Security Checked 9/28/2023 1:40:59 PM
Completed	Security Checked 9/28/2023 1:40:59 PM

Payment Events

Status	Timestamps
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