

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
 15-Dec-2023 10:07 PST
 87A410FFF032487389008EED0868E359

December 10, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550828
Sample No. 1184192**SAMPLE INFORMATION**

Description FP-23-0143 Pluscbd relief softgel 30ct sku 607 exp 08/25
Lot Number A106171223
Category (Type) Non-Inhalable Edible (Capsule)
Received December 06, 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 December 07, 2023 to December 10, 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

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

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

December 10, 2023

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

December 08, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550828
Sample No. 1184192**SAMPLE INFORMATION**

Description FP-23-0143 Pluscbd relief softgel 30ct sku 607 exp 08/25
Lot Number A106171223
Category (Type) Non-Inhalable Edible (Capsule)
Received December 06, 2023

ANALYTICAL RESULTS

Analysis PEA
Instrument LC-DAD
Method Micronized/ultramicrozoned palmitoylethanolamide displays superior oral efficacy compared to nonmicronized palmitoylethanolamide in a rat model of inflammatory pain, Journal of Neuroinflammation 2014, 11:136
Analysis Date December 07, 2023 to December 08, 2023

Analyte	Findings (mg/softgel)
Palmitoylethanolamide	179

Reported by
Anresco, Inc.

ND = None Detected



Cathy Cheng
Senior Analyst

December 08, 2023

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

December 10, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550828
Sample No. 1184192**SAMPLE INFORMATION**

Description FP-23-0143 Pluscbd relief softgel 30ct sku 607 exp 08/25
Lot Number A106171223
Category (Type) Non-Inhalable Edible (Capsule)
Received December 06, 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 December 07, 2023 to December 10, 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

December 10, 2023

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

December 11, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550828
Sample No. 1184192**SAMPLE INFORMATION**

Description FP-23-0143 Pluscbd relief softgel 30ct sku 607 exp 08/25
Lot Number A106171223
Category (Type) Non-Inhalable Edible (Capsule)
Received December 06, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date December 07, 2023 to December 11, 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


 Alma Dorantes
 Analyst I



December 11, 2023

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



Certificate of Analysis

Powered by Confident LIMS

CV Sciences, Inc.

10070 Barnes Canyon Road San Diego, CA 92121
 vandana.kothari@cvsciences.com
 (858) 500-7745
 Lic. #N/A

Sample: 2312DBL0013.2130

METRC Sample:
 Batch #: FP-23-0143
 Lot #: A106171223

Strain: n/a

Ordered: 12/05/2023; Sampled: 12/07/2023; Completed: 12/13/2023

Pluscbd relief softgel 30ct sku 607 exp 08/25

Ingestible, Capsule, CO2



Cannabinoids

- CBC
- CBCa
- CBD
- CBDa
- CBDV
- CBDVa
- CBG
- CBGa
- CBL
- CBN
- Δ8-THC
- Δ9-THC
- THCa
- THCV

Cannabinoids

**0.08
mg/unit**

Δ9-THC + Δ8-THC

**30.07
mg/unit**

Total Cannabinoids

**26.05
mg/unit**

CBD

NT

Moisture

Cannabinoid Profile

Analyzed by T.40.031.NV UHPLC/PDA

Cannabinoid	Mass mg/unit	Mass mg/g	LOQ mg/unit
CBC	0.10	0.12	0.01
CBCa	<LOQ	<LOQ	0.01
CBD	26.05	31.55	0.01
CBDa	3.31	4.01	0.01
CBDV	0.36	0.43	0.01
CBDVa	0.14	0.17	0.01
CBG	<LOQ	<LOQ	0.01
CBGa	0.03	0.04	0.01
CBL	<LOQ	<LOQ	0.01
CBN	<LOQ	<LOQ	0.01
Δ8-THC	<LOQ	<LOQ	0.01
Δ9-THC	0.08	0.10	0.01
THCa	<LOQ	<LOQ	0.01
THCV	<LOQ	<LOQ	0.01
Total THC	0.08	0.10	
Total CBD	28.95	35.07	
Total	30.07	36.42	



[Signature]
 Glen Marquez
 Laboratory Director



4439 Polaris Ave
 Las Vegas, NV
 (702) 728-5180
<http://www.kaychalabs.com>



Certificate of Analysis

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CV Sciences, Inc.

10070 Barnes Canyon Road San Diego, CA 92121
 vandana.kothari@cvsciences.com
 (858) 500-7745
 Lic. #N/A

Sample: 2312DBL0013.2130

METRC Sample:
 Batch #: FP-23-0143
 Lot #: A106171223

Strain: n/a

Ordered: 12/05/2023; Sampled: 12/07/2023; Completed: 12/13/2023

Pluscbd relief softgel 30ct sku 607 exp 08/25

Ingestible, Capsule, CO2




Microbials Pass


Analyzed by T.40.209A.NV & T.40.059.NV Plating/QPCR

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	99999	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	10	999	<LOQ	Pass
Coliforms	1		<LOQ	Tested
Yeast & Mold	100		<LOQ	Tested

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass



Foreign Matter Not Tested



NA




 Glen Marquez
 Laboratory Director

kaycha
 LABS
 4439 Polaris Ave
 Las Vegas, NV
 (702) 728-5180
<http://www.kaychalabs.com>



Certificate of Analysis

Powered by Confident LIMS

CV Sciences, Inc.

10070 Barnes Canyon Road San Diego, CA 92121

vandana.kothari@cvsciences.com

(858) 500-7745

Lic. #N/A

Sample: 2312DBL0013.2130

METRC Sample:

Batch #: FP-23-0143

Lot #: A106171223

Strain: n/a

Ordered: 12/05/2023; Sampled: 12/07/2023; Completed: 12/13/2023

Pluscbd relief softgel 30ct sku 607 exp 08/25

Ingestible, Capsule, CO2



Heavy Metals					Pass
Analyzed by T.40.081.NV ICP/MS					
Element	LOQ	Limit	Mass	Status	
	PPM	PPM	PPM		
Arsenic	0	2	<LOQ	Pass	
Cadmium	0	1	<LOQ	Pass	
Lead	0	1	<LOQ	Pass	
Mercury	0	0	<LOQ	Pass	




 Glen Marquez
 Laboratory Director


 4439 Polaris Ave
 Las Vegas, NV
 (702) 728-5180
<http://www.kaychalabs.com>

Certificate Of Completion

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Document Pages: 10

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Vandana Kothari

AutoNav: Enabled

vandana.kothari@cvsciences.com

Enveloped Stamping: Enabled

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Vandana Kothari

vandana.kothari@cvsciences.com

DIRECTOR OF QUALITY

CV Sciences - Part 11

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(Required)*Vandana Kothari*

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