

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.

SAMPLE ID:
PRODUCT NAME:

 Strength:

 Lot Number:

 Expiration Date:

CANNABINOIDS*
MG/UNIT
METHOD

 CBD

 CBDA

 d9-THC

 THCA-A

 d8-THC

 THCV

 CBDV

 CBDVA

 CBGA

 CBG

 CBN

 CBC

 CBL

 Total Cannabinoids

 Sample Size

 THC by Mass

OTHER ACTIVE INGREDIENTS
MG/UNIT
METHOD

 L-Theanine

 5-HTP

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.

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

DocuSigned by Vandana Kothari

 I approve this document
 11-Mar-2024 12:06 PDT
 87A410FFF03248738900BEE00868E359



ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

MANUFACTURER:

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

**SAMPLE INFORMATION**

Sample No.: 1197287
Product Name: FP-24-0024 Pluscbd Calm Gummies 30ct sku 603 EXP 02/26
Matrix: Edible (Gummy)
Lot #: A106540224

Date Collected: 03/01/2024
Date Received: 03/01/2024
Date Reported: 03/08/2024

TEST SUMMARY

Cannabinoid Profile: ✔ Pass
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Water Activity: ✔ Pass

Microbiological Screen: ✔ Tested
Residual Solvent Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Cannabinoid Profile ✔ Pass

03/05/2024

Method: MF-CHEM-15**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)

Cannabinoid	mg/g	%	mg/serving	mg/package	Labeled mg/serving	% Difference (mg/serving)	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	ND	ND	ND	ND	-	-	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	2.85	0.285	11.50	345.01	10	15.00	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	ND	-	-	-
Total CBD	2.85	0.285	11.50	345.01	-	-	-
Total Cannabinoids	2.85	0.285	11.50	345.01	-	-	-
Sum of Cannabinoids	2.85	0.285	11.50	345.01	-	-	-
Serving Weight (g)	4.0304						
Package Weight (g)	120.91						

Total THC = Δ9-THC + (0.877 * Δ9-THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Comments This result of this sample is confirmed with a retest.**Microbiological Screen**

03/08/2024

Analyte	Findings	Units	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
Salmonella	Negative	/25g	AOAC 2016.01
Staph aureus	<10	cfu/g	FDA BAM

Pesticide Residue Screen ✔ Pass

03/05/2024

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

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	0.02	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	0.02	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.02	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.02	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
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	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.02	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	0.02	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.02	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Residual Solvent Screen ✔ Pass

03/05/2024

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

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	<LOQ	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

Heavy Metal Screen ✔ Pass

03/05/2024

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

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

Mycotoxin Screen

03/05/2024

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

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

Water Activity

03/05/2024

Method: MF 14G051

Instrument: Decagon

Analyte	Findings	Limit	Status
Water Activity	0.67	0.85	Pass

Certificate of Analysis

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

Reported by



Vu Lam
Lab Co Director

Scan to verify

Certificate Of Completion

Envelope Id: 0A3B75AEC34DEA962788D34EACEC12	Status: Completed
Subject: FP-24-0024 Pluscbd Calm Gummies 30ct sku 603 EXP 02/26 A106540224	
Source Envelope:	
Document Pages: 6	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator: Vandana Kothari vandana.kothari@cvsciences.com
Envelopeld Stamping: Enabled	IP Address: 64.207.219.137
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	

Record Tracking

Status: Original 3/11/2024 12:04:54 PM	Holder: Vandana Kothari vandana.kothari@cvsciences.com	Location: DocuSign
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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: 3/11/2024 12:05:29 PM Viewed: 3/11/2024 12:05:58 PM Signed: 3/11/2024 12:06:24 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 3/11/2024 12:05:29 PM
Certified Delivered	Security Checked 3/11/2024 12:05:58 PM
Signing Complete	Security Checked 3/11/2024 12:06:24 PM
Completed	Security Checked 3/11/2024 12:06:24 PM

Payment Events

Status	Timestamps
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