

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

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; 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 #:

LOT# 02224 and 02224-1 were filled at the same time..

*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
 26-Mar-2024 | 11:37 PDT
 87A410FFF03248738900BEEED0868E359



February 09, 2024

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 552634
Sample No. 1192656**SAMPLE INFORMATION**

Description FP-24-0021 PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Lot Number 02224
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received February 08, 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 February 08, 2024 to February 09, 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	0.02	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

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
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	0.02	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
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Reported by
Anresco, Inc.

Ka Meng Lau

 Ka Meng Lau
 Analyst I

February 09, 2024

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

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

February 09, 2024

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 552634
Sample No. 1192656**SAMPLE INFORMATION**

Description FP-24-0021 PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Lot Number 02224
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received February 08, 2024

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date February 08, 2024 to February 09, 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	57800.00	Not Applicable	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	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
 BLOQ = Below Limit of Quantitation
 LOD = Limit of Detection
 LOQ = Limit of Quantitation




Jordean Vargas
 Analyst III

February 09, 2024

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

February 08, 2024

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 552634
Sample No. 1192656**SAMPLE INFORMATION**



Description FP-24-0021 PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Lot Number 02224
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received February 08, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant) ✔ Pass
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date February 08, 2024

Cannabinoid	mg/g	%	mg/ml	mg/package	Labeled mg/ package	% Difference (mg/ package)	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	66.59	6.659	65.74	2130.78	2000	6.54	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	0.28	0.028	0.27	8.87	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	ND	-	-	-
Total CBD	66.59	6.659	65.74	2130.78	-	-	-
Total Cannabinoids	66.86	6.686	66.01	2139.65	-	-	-
Sum of Cannabinoids	66.86	6.686	66.01	2139.65	-	-	-
Package Weight (g)	32						
g/ml Conversion Factor	0.9873						

Reported by
Anresco, Inc.

Ali Sweeney
 Analyst I

February 08, 2024

Limit of Detection: 0.0267 mg/g
 Limit of Quantitation: 0.0800 mg/g
 ND = None Detected
 BLOQ = Below Limit of Quantitation
 LOD = Limit of Detection
 LOQ = Limit of Quantitation
 <LOQ = Below Limit of Quantitation
 LOD = Limit of Detection
 Total THC = Δ9-THC + (0.877 * Δ9-THCA)
 Total CBD = CBD + (0.877 * CBDA)
 Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

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February 09, 2024

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
 San Diego, CA 92126

Order No. 552634
 Sample No. 1192656

SAMPLE INFORMATION

Description FP-24-0021 PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Lot Number 02224
Category (Type) Non-Inhalable Topical (Lotion/Balm)
Received February 08, 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 February 08, 2024 to February 09, 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
 BLOQ = Below Limit of Quantitation
 LOD = Limit of Detection
 LOQ = Limit of Quantitation

Ka Meng Lao

 Ka Meng Lao
 Analyst I

February 09, 2024

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



4439 Polaris Ave.
Las Vegas, NV, 89103, US
(702) 728-5180

Kaycha Labs



PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Matrix: Infused Product
Type: Topical

Certificate of Analysis

Sample:LA40209001-001

Harvest/Lot ID: 02224

Batch#: FP-24-0021

Laboratory License # 69204305475717257553

Sample Size Received: 32 gram

Total Amount: 2000 mg

Retail Product Size: 32 gram

Ordered: 02/07/24

Sampled: 02/09/24

Completed: 02/13/24

PASSED

Feb 13, 2024 | CV Sciences
License # N/A

Pages 1 of 2

PRODUCT IMAGE



SAFETY RESULTS

Pesticides
NOT TESTED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
NOT TESTED

Residuals Solvents
NOT TESTED

Filth
NOT TESTED

Water Activity
NOT TESTED

Moisture
NOT TESTED

Homogeneity Testing
NOT TESTED

MISC.

Terpenes
NOT TESTED

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on NV regulations.

Kelly Zaugg

Lab Director

State License # L003
ISO 17025 Accreditation # ISO/IEC
17025:2017: 97164

Signature
02/13/24



4439 Polaris Ave.
Las Vegas, NV, 89103, US
(702) 728-5180

Kaycha Labs

PlusCBD t-free 2000mg roll on SKU 410 exp 12/25
Matrix : Infused Product
Type: Topical



Certificate of Analysis

PASSED

CV Sciences

Sample : LA40209001-001
Harvest/Lot ID: 02224

License # : N/A

Batch # : FP-24-0021
Sampled : 02/09/24
Ordered : 02/09/24

Sample Size Received : 32 gram
Total Amount : 2000 mg
Completed : 02/13/24 Expires: 02/13/25
Sample Method : SOP Client Method

Page 2 of 2

Microbial PASSED						Heavy Metals PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Metal	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA			Not Present	PASS		ARSENIC	0.1670	ppm	<LOQ	PASS	2
STEC			Not Present	PASS		CADMIUM	0.1670	ppm	<LOQ	PASS	0.82
TOTAL AEROBIC COUNT	1000	cfu/g	ND	PASS	99999	LEAD	0.1670	ppm	<LOQ	PASS	1.2
TOTAL COLIFORMS	100	cfu/g	ND	PASS	999	MERCURY	0.1670	ppm	<LOQ	PASS	0.4
ENTEROBACTERIACEAE	100	cfu/g	ND	PASS	999						
YEAST AND MOLD	1000	cfu/g	ND	PASS	9999	Analyzed by: 879, 935 Weight: 0.523g Extraction date: 02/13/24 11:45:07 Extracted by: 879					
PSEUDOMONAS AERUGINOSA COUNT	1	CFU/g	ND	TESTED		Analysis Method : SOP.T.30.081.NV; SOP.T.40.081.NV Analytical Batch : LA004632HEA Reviewed On : 02/13/24 10:54:11 Instrument Used : ICPMS-2 Shimadzu Batch Date : 02/12/24 09:58:17 Analyzed Date : N/A					
Analyzed by: 1798, 879, 935 Weight: NA Extraction date: N/A Extracted by: N/A Analysis Method : SOP.T.40.058.FL; SOP.T.40.059B Analytical Batch : LA004621MIC Reviewed On : 02/13/24 13:12:41 Instrument Used : LV-PCR-003A (Gene-Up) (Asp) Batch Date : 02/10/24 13:56:02 Analyzed Date : N/A Dilution : N/A Reagent : 020924.R03 Consumables : ASP1838; IS1094 Pipette : LV-PIP-017; LV-PIP-019						Dilution : 50 Reagent : 062823.01; 011124.R09; 081423.48; 010120.01 Consumables : 042c6; 251697 Pipette : LV-BTD-020; LV-BTD-019 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometry) using method SOP.T.30.081.NV and SOP.T.40.081.NV.					
Analyzed by: 1798, 1662, 879, 935 Weight: NA Extraction date: N/A Extracted by: N/A Analysis Method : SOP.T.40.209.NV; SOP.T.40.208 Analytical Batch : LA004624TYM Reviewed On : 02/13/24 13:12:43 Instrument Used : Micro plating with Flower, Edibles, Tinctures Batch Date : 02/10/24 16:20:53 Standard Dilutions Analyzed Date : N/A Dilution : N/A Reagent : 021324.R01 Consumables : 33N4WX; 418322349C; 418323027A; 33N159 Pipette : LV-PIP-017; LV-PIP-019											

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Kelly Zaugg
Lab Director

State License # L003
ISO 17025 Accreditation # ISO/IEC
17025:2017: 97164

Signature
02/13/24

Certificate Of Completion

Envelope Id: 3883B8A747934920BB21BD70F63B5990	Status: Completed
Subject: FP-24-0030 THC-Free 2000mg Roll-On Sku 410 exp 12/25 lot 02224-1	
Source Envelope:	
Document Pages: 9	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: 64.207.219.135

Record Tracking

Status: Original	Holder: Vandana Kothari	Location: DocuSign
3/20/2024 11:25:32 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)	<i>Vandana Kothari</i> Signature Adoption: Pre-selected Style Signature ID: 87A410FF-F032-4873-8900-BEED0868E359 Using IP Address: 107.132.215.12 With Signing Authentication via DocuSign password With Signing Reasons (on each tab): I approve this document	Sent: 3/20/2024 11:26:12 AM Viewed: 3/20/2024 11:36:59 AM Signed: 3/20/2024 11:37:23 AM

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
--------	-----------

Certified Delivery Events

Status	Timestamp
--------	-----------

Carbon Copy Events

Status	Timestamp
--------	-----------

Witness Events

Signature	Timestamp
-----------	-----------

Notary Events

Signature	Timestamp
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Envelope Summary Events

Status	Timestamps
Envelope Sent	Hashed/Encrypted 3/20/2024 11:26:12 AM
Certified Delivered	Security Checked 3/20/2024 11:36:59 AM
Signing Complete	Security Checked 3/20/2024 11:37:23 AM
Completed	Security Checked 3/20/2024 11:37:23 AM

Payment Events

Status	Timestamps
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