

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

Lemon Balm Extract

Magnolia Extract

Melatonin ***

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	 <small>DocuSigned by Vandana Kothari</small> <small>I approve this document</small> <small>24-Nov-2023 09:50 PST</small> <small>87A410FFF03248738900BEED0868E359</small>	





Certificate of Analysis

CV Sciences, Inc.

10070 Barnes Canyon Road
San Diego, CA 92121
Vandana Kothari

Sample

2311DBL0042.2042

Batch FP-23-0137

Lot A106001023

Ordered 11/16/2023

Completed 11/21/2023

Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25

Cannabinoids

	33.44	0.766	4.367	
Total CBD (mg/unit)	% Total CBD		Unit weight (g)	
Cannabinoid	LOQ %	Mass %	Mass mg/g	Concentration
CBD	0.0047	0.7657	7.657	
CBDA	0.0047	<LOQ	<LOQ	
d9-THC	0.0047	0.0734	0.734	
THCA-A	0.0047	<LOQ	<LOQ	
d8-THC	0.0047	<LOQ	<LOQ	
THCV	0.0047	<LOQ	<LOQ	
CBDV	0.0047	<LOQ	<LOQ	
CBDVA	0.0047	<LOQ	<LOQ	
CBGA	0.0047	<LOQ	<LOQ	
CBG	0.0047	<LOQ	<LOQ	
CBN	0.0047	0.0909	0.909	
CBC	0.0047	0.0057	0.057	
CBL	0.0047	<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	90	10,000
Enterobacteriaceae	PASS	<LOQ	90	1,000
Aerobic Bacteria	PASS	<LOQ	900	100,000
Coliforms	PASS	<LOQ	90	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	102	1500
Cadmium	PASS	<LOQ	102	500
Mercury	PASS	<LOQ	102	1000
Lead	PASS	<LOQ	102	500

Water Activity: 0.649100 PASS

Limit: 0.8500

- The hemp extract is the product of a batch tested by the independent testing laboratory;
- 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
- The batch does not contain contaminants unsafe for human consumption.*



CV SCIENCES
A LIFE SCIENCES COMPANY

[Signature]

Glen Marquez
Director

[Signature]

Kelly Zaugg
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.

November 15, 2023

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

Order No. 550290
 Sample No. 1181717

SAMPLE INFORMATION

Description FP-23-0137 Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25
Lot Number A106001023
Category (Type) Non-Inhalable Edible (Gummy)
Received November 15, 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 November 15, 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

November 15, 2023

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

November 16, 2023

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

Order No. 550290
Sample No. 1181717

SAMPLE INFORMATION

Description FP-23-0137 Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25
Lot Number A106001023
Category (Type) Non-Inhalable Edible (Gummy)
Received November 15, 2023

ANALYTICAL RESULTS

Analysis Melatonin
Instrument HPLC-DAD/FLD
Method USP42-NF37 - Melatonin (5085)
Analysis Date November 15, 2023 to November 16, 2023

Analyte	Findings (mg/gummy)
Melatonin	4.57

Average gummy weight = 4.395g

Reported by
Anresco, Inc.

ND = None Detected



Cathy Cheng
Senior Analyst

November 16, 2023

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November 15, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550290
Sample No. 1181717**SAMPLE INFORMATION**

Description FP-23-0137 Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25
Lot Number A106001023
Category (Type) Non-Inhalable Edible (Gummy)
Received November 15, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date November 15, 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	<LOQ	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

Reported by
Anresco, Inc.

ND = None Detected


 Alma Dorantes
 Analyst I



November 15, 2023

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November 15, 2023

CV SCIENCES, INC.9530 Padgett Street, Suite 107
San Diego, CA 92126Order No. 550290
Sample No. 1181717**SAMPLE INFORMATION**

Description FP-23-0137 Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25
Lot Number A106001023
Category (Type) Non-Inhalable Edible (Gummy)
Received November 15, 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 November 15, 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

November 15, 2023

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

Certificate Of Completion

Envelope Id: 0B8AF1D785A14C488B4742F349E67D84 Status: Completed
 Subject: FP-23-0137 Reserve Sleep 25mg Gummies 30ct Blackberry SKU 630 Exp 10/25 A106001023 coa
 Source Envelope:
 Document Pages: 8 Signatures: 1 Envelope Originator:
 Certificate Pages: 1 Initials: 0 Vandana Kothari
 AutoNav: Enabled vandana.kothari@cvsciences.com
 Enveloped Stamping: Enabled IP Address: 64.207.219.136
 Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Record Tracking

Status: Original Holder: Vandana Kothari Location: DocuSign
 11/24/2023 9:46:59 AM vandana.kothari@cvsciences.com

Signer Events

Vandana Kothari
 vandana.kothari@cvsciences.com
 DIRECTOR OF QUALITY
 CV Sciences - Part 11
 Security Level: Email, Account Authentication
 (Required)

Signature


Signature Adoption: Pre-selected Style
 Signature ID:
 87A410FF-F032-4873-8900-BEED0868E359
 Using IP Address: 103.172.156.162

With Signing Authentication via DocuSign password
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Envelope Sent	Hashed/Encrypted	11/24/2023 9:48:01 AM
Certified Delivered	Security Checked	11/24/2023 9:48:41 AM
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Completed	Security Checked	11/24/2023 9:50:11 AM

Payment Events**Status****Timestamps**