

# 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:
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Strength:

Lot Number:

Expiration Date:

CANNABINOIDS*	MG/UNIT	METHOD
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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
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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 #:

\*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	 Signed by Vandana Kothari   approve this document 03-Dec-2024   13:43 PST 87A410FFF03248738900BEE0868E359	



November 27, 2024

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

Order No. 563984  
Sample No. 1260596

## SAMPLE INFORMATION

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 2024

## ANALYTICAL RESULTS

**Analysis** Cannabinoid Profile (Non-Plant) ✔ Pass  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF-CHEM-15  
**Analysis Date** November 25, 2024 to November 27, 2024

Cannabinoid	mg/g	%	mg/serving	mg/package	Labeled mg/serving	% Difference	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	0.71	0.071	2.95	88.56	2.5	18.08	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	6.22	0.622	25.70	770.91	25	2.79	-
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	1.27	0.127	5.25	157.59	5	5.06	-
Total THC	0.71	0.071	2.95	88.56	-	-	-
Total CBD	6.22	0.622	25.70	770.91	-	-	-
Total Cannabinoids	8.21	0.821	33.90	1017.06	-	-	-
Sum of Cannabinoids	8.21	0.821	33.90	1017.06	-	-	-
<b>Serving Weight (g)</b>	4.1293						
<b>Package Weight (g)</b>	123.88						

Reported by  
**Anresco, Inc.**

  
Ron Baronia  
Analyst I



November 27, 2024

ND = None Detected  
LOD = Limit of Detection ( 0.0333 mg/g)  
LOQ = Limit of Quantitation ( 0.1000 mg/g)  
Total THC = Δ8-THC + Δ9-THC + (0.877 \* THCA)  
Total CBD = CBD + (0.877 \* CBDA)  
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 \* Σ (acidic cannabinoids)]

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November 27, 2024

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Order No. 563984  
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**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 2024

### ANALYTICAL RESULTS

**Analysis** Melatonin  
**Instrument** HPLC-DAD/FLD  
**Method** USP42-NF37 - Melatonin 5085  
**Analysis Date** November 25, 2024 to November 27, 2024

Analyte	Findings (mg/gummy)
Melatonin	3.98

Reported by  
**Anresco, Inc.**

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



Cathy Cheng  
Senior Analyst

November 27, 2024

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November 27, 2024

**CV SCIENCES, INC.**9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 563984  
Sample No. 1260596**SAMPLE INFORMATION**

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 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** November 25, 2024 to November 27, 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	0.017	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	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.017	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

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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	0.017/0.05	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	0.017/0.05	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	0.013	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	0.017	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.013	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  
LOD = Limit of Detection  
LOQ = Limit of Quantitation

*S/ M*  
Seonmin Lee  
Analyst I



November 27, 2024

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

November 27, 2024

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

Order No. 563984  
Sample No. 1260596

## SAMPLE INFORMATION

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 2024

## ANALYTICAL RESULTS

**Analysis** Residual Solvent Screen ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** MF-CHEM-32  
**Analysis Date** November 25, 2024 to November 27, 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	5000	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	ND	5000	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  
LOD = Limit of Detection  
LOQ = Limit of Quantitation

  
Alma Dorantes  
Analyst I



November 27, 2024

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# Certificate of Analysis

November 27, 2024

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

Order No. 563984  
 Sample No. 1260596

## SAMPLE INFORMATION

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 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** November 25, 2024 to November 27, 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  
 LOD = Limit of Detection  
 LOQ = Limit of Quantitation

*S/ M*  
 Seonmin Lee  
 Analyst I

November 27, 2024

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# Certificate of Analysis

December 03, 2024

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

Order No. 563984  
 Sample No. 1260596

## SAMPLE INFORMATION

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Received** November 25, 2024

## ANALYTICAL RESULTS

**Analysis Date** November 25, 2024 to December 03, 2024

Findings	Analysis	Results	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	MF-MICRO-11 (AOAC 2016.01)
	Staph aureus	Negative /25g	USP <62>

Reported by  
**Anresco, Inc.**



Allen Zhu  
 Analyst

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

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November 27, 2024

**CV SCIENCES, INC.**  
9530 Padgett Street, Suite 107  
San Diego, CA 92126Order No. 563984  
Sample No. 1260596

## SAMPLE INFORMATION

**Description** FP-24-0117 Reserve Sleep 30ct BKBR SKU 630 exp 11/26  
**Lot Number** A107641124  
**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 2024

## ANALYTICAL RESULTS

**Analysis** Heavy Metals ✔ Pass  
**Instrument** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)  
**Method** MF-CHEM-16  
**Analysis Date** November 25, 2024 to November 27, 2024

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	<LOQ	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

Reported by  
**Anresco, Inc.**

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



Eric Tam  
Senior Chemist

November 27, 2024

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November 27, 2024

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9530 Padgett Street, Suite 107  
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Order No. 563984  
Sample No. 1260596

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**Category (Type)** Non-Inhalable Edible (Gummy)  
**Received** November 25, 2024

## ANALYTICAL RESULTS

**Analysis** Water Activity  
**Instrument** Water Activity Meter  
**Method** MF-CHEM-14  
**Analysis Date** November 25, 2024 to November 27, 2024

Analyte	Findings	Limit	Status
Water Activity	0.72	0.85	Pass

Reported by  
**Anresco, Inc.**

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 LOQ = Limit of Quantitation



Eric Tam  
Senior Chemist

November 27, 2024

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

### Certificate Of Completion

Envelope Id: A0CC8C9C3B65477EBC8EC1F028CB32EF

Status: Completed

Subject: FP-24-0117 Reserve Sleep 30ct BKBR

Source Envelope:

Document Pages: 11

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Vandana Kothari

AutoNav: Enabled

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

Holder: Vandana Kothari

Location: DocuSign

12/3/2024 1:41:36 PM

vandana.kothari@cvsciences.com

### Signer Events

### Signature

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Sent: 12/3/2024 1:42:05 PM

vandana.kothari@cvsciences.com

Viewed: 12/3/2024 1:42:41 PM

DIRECTOR OF QUALITY

Signed: 12/3/2024 1:43:13 PM

CV Sciences - Part 11

Signature Adoption: Pre-selected Style

Security Level: Email, Account Authentication (Required)

Signature ID:

87A410FF-F032-4873-8900-BEED0868E359

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With Signing Reasons (on each tab):

I approve this document

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### Timestamp

### Envelope Summary Events

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### Status

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