

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: : FP-23-0086

PRODUCT NAME: PlusMax 50mg 60ct Softgels

Strength: 50mg 60ct

Lot Number: 37356188

Expiration Date: 05/25

CANNABINOIDS*	MG/UNIT	METHOD
CBD	59.05	HPLC-UV
CBDA	0.059	HPLC-UV
d9-THC	0.242	HPLC-UV
THCA-A	<LOQ	HPLC-UV
d8-THC	<LOQ	HPLC-UV
THCV	<LOQ	HPLC-UV
CBDV	0.251	HPLC-UV
CBDVA	<LOQ	HPLC-UV
CBGA	<LOQ	HPLC-UV
CBG	<LOQ	HPLC-UV
CBN	<LOQ	HPLC-UV
CBC	0.239	HPLC-UV
CBL	<LOQ	HPLC-UV

Total Cannabinoids 59.841 mg/unit

Sample Size 0.618g

THC by Mass 0.0391%

<LOQ = Below Limit of Quantitation; LOQ = 0.051mg/un

HEAVY METALS*	STATUS (PASS/FAIL)	METHOD
Arsenic	PASS	ICP-MS
Cadmium	PASS	ICP-MS
Mercury	PASS	ICP-MS
Lead	PASS	ICP-MS

CV Sciences Certificate of Analysis



MICROBIOLOGY*	STATUS (PASS/FAIL)	METHOD
Mold/Mildew/Yeast	PASS	Petrifilm or Agar Plates
Aerobic Bacteria	PASS	Petrifilm
Coliforms	PASS	Petrifilm
E. Coli	PASS	Blood Agar and PCR
Salmonella	PASS	Salmonella Petrifilm and PCR
Pseudomonas	PASS	Centrimide Selective Agar

PESTICIDES**	STATUS (PASS/FAIL)	METHOD
Total Pesticides	PASS	HPLC-MS
Mycotoxins	Pass	

RESIDUAL SOLVENTS**	STATUS (PASS/FAIL)	METHOD
Total Residual Solvents	PASS	HS-GC

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 #: 2307DBL0041.1419

*Actual analytical results obtained by DB Labs (Las Vegas, NV), CV Sciences' third-party testing laboratory.

Anresco Laboratories Sample ID #: 1166903

**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 "Approved 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
 Vandana Kothari | I approve this document
24-Jul-2023 | 14:14 PDT
87A410FFF03248738900BEE0D868E359

PASS



July 20, 2023

CV SCIENCES, INC.

9530 Padgett Street, Suite 107
San Diego, CA 92126

Order No. 546569

Sample No. 1166903

SAMPLE INFORMATION

Description FP-23-0086 PlusMax 50mg 60ct Softgels sku 391 exp 05/2025
Lot Number 37356188
Category (Type) Non-Inhalable Edible (Capsule)
Received July 18, 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 July 18, 2023 to July 20, 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 Tarr
Analyst II

July 20, 2023

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

July 20, 2023

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

Order No. 546569

Sample No. 1166903

SAMPLE INFORMATION

Description FP-23-0086 PlusMax 50mg 60ct Softgels sku 391 exp 05/2025
Lot Number 37356188
Category (Type) Non-Inhalable Edible (Capsule)
Received July 18, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date July 18, 2023 to July 20, 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


Jordean Vargas
Analyst III

July 20, 2023

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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: 2307DBL0041.1419

METRC Sample:

Batch #: FP-23-0086

Lot #: 37356188

Strain: n/a

Ordered: 07/17/2023; Sampled: 07/18/2023; Completed: 07/21/2023

PlusMax 50mg 60ct Softgels sku 391 exp 05/2025

Ingestible, Capsule, CO2



Cannabinoids

**0.242
mg/unit**

$\Delta 9$ -THC + $\Delta 8$ -THC

**59.046
mg/unit**

CBD

**59.836
mg/unit**

Total Cannabinoids

NT

Moisture

1 Unit = PlusMax 50mg 60ct Softgels sku 391 exp 05/2025, 0.6180008333g

Cannabinoids

CBC
CBCa
CBD
CBDa
CBDV
CBDVa
CBG
CBGa
CBL
CBN
 $\Delta 8$ -THC
 $\Delta 9$ -THC
THCa
THCV
THCVa

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass mg/unit	Mass mg/g	LOQ mg/unit
CBC	0.239	0.387	0.051
CBCa	<LOQ	<LOQ	0.051
CBD	59.046	95.543	0.051
CBDa	0.059	0.096	0.051
CBDV	0.251	0.406	0.051
CBDVa	<LOQ	<LOQ	0.051
CBG	<LOQ	<LOQ	0.051
CBGa	<LOQ	<LOQ	0.051
CBL	<LOQ	<LOQ	0.051
CBN	<LOQ	<LOQ	0.051
$\Delta 8$ -THC	<LOQ	<LOQ	0.051
$\Delta 9$ -THC	0.242	0.391	0.051
THCa	<LOQ	<LOQ	0.051
THCV	<LOQ	<LOQ	0.051
THCVa	<LOQ	<LOQ	0.051
Total THC	0.242	0.391	
Total CBD	59.098	95.627	
Total	59.836	96.822	



Glen Marquez
Laboratory Director

Sherri Defreese
Quality Control



4439 Polaris Ave

Las Vegas, NV

(702) 728-5180

www.dblabslv.com

DB Labs will not discuss any part of this study with personnel other than those authorized by the client, this report is considered highly confidential and the sole property of the client. This Certificate shall not be reproduced except in full, without the written approval of DB Labs. The results described in this report only apply to the samples analyzed. Edibles are picked up prior to final packaging unless otherwise stated. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ=Limit of Quantitation. Pesticide LOQ=Instrument Limit of Quantitation. NA=Not Applicable, ND=Not Detected, NR=Not Reported, NT=Not Tested, TNC=Too Numerous to Count (microbial), PGR=Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. 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. Action levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The "Decision Rule" for the pass/fail does not include the UM. The UM associated with the result reported in this certificate is available upon request. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using a quality system and valid testing methodologies as required by Nevada Regulations. The limits are based on NV regulations.



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10070 Barnes Canyon Road San Diego, CA 92121

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Lic. #N/A

Sample: 2307DBL0041.1419

METRC Sample:

Batch #: FP-23-0086

Lot #: 37356188

Strain: n/a

Ordered: 07/17/2023; Sampled: 07/18/2023; Completed: 07/21/2023

PlusMax 50mg 60ct Softgels sku 391 exp 05/2025

Ingestible, Capsule, CO2



Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis

	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	900	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	90	1000	<LOQ	Pass
Coliforms	90	1000	<LOQ	Pass



Qualitative Analysis

	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass
Pseudomonas	Not Detected	Pass

Foreign Matter

Pass



TNC = Too Numerous to Count



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Batch #: FP-23-0086

Lot #: 37356188

Strain: n/a

Ordered: 07/17/2023; Sampled: 07/18/2023; Completed: 07/21/2023

PlusMax 50mg 60ct Softgels sku 391 exp 05/2025

Ingestible, Capsule, CO2



Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	82	2000	<LOQ	Pass
Cadmium	82	820	<LOQ	Pass
Lead	82	1200	<LOQ	Pass
Mercury	82	400	<LOQ	Pass



[Signature]
Glen Marquez
Laboratory Director

[Signature]
Sherri Defreese
Quality Control



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July 20, 2023

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9530 Padgett Street, Suite 107
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Order No. 546569

Sample No. 1166903

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Lot Number 37356188
Category (Type) Non-Inhalable Edible (Capsule)
Received July 18, 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 July 18, 2023 to July 20, 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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Certificate of Analysis

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
Paclobutrazol	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 Tan
 Analyst II

July 20, 2023

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