

ANALYZED BY:

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

MANUFACTURER:

GARDEN OF LIFE
4200 Northcorp Parkway
Palm Beach Gardens, FL 33410



SAMPLE INFORMATION

Sample No.: 1158266
Product Name: 1081-423 GOF Life CBD + Sleep
Matrix: Other (Tincture)
Lot #: W4154421 23100

Date Received: 04/25/2023
Date Reported: 05/17/2023

TEST SUMMARY

Cannabinoid Profile:	✔ Tested	Microbiological Screen:	✔ Tested
Pesticide Residue Screen:	✔ Pass	Chemistry:	✔ Tested
Glyphosate:	✔ Tested	Heavy Metals - GOL Topicals:	✔ Pass
Peroxide Value:	✔ Tested	Residual Solvents - GOL Topicals:	✔ Pass
Water Activity:	✔ Pass		

Cannabinoid Profile

04/28/2023

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.067 mg/g
Limit of Quantification 0.2 mg/g

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	<LOQ	<LOQ	<LOQ
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	15.69	1.569	14.85
CBDA	ND	ND	ND
CBC	<LOQ	<LOQ	<LOQ
CBCA	ND	ND	ND
CBDV	ND	ND	ND
CBG	ND	ND	ND
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	<LOQ	<LOQ	<LOQ
Total CBD	15.69	1.569	14.85
Total Cannabinoids	15.69	1.569	14.85
Sum of Cannabinoids	15.69	1.569	14.85
g/ml Conversion Factor	0.94649		

Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Microbiological Screen

05/10/2023

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
E. coli	<10	cfu/g	FDA BAM - ECC AGAR
Salmonella	Negative/25g	-	AOAC 2016.01
Staphylococcus	<10	cfu/g	AOAC 2003.07
Enterobacteriaceae	<10	cfu/g	AOAC 2003.01

Pesticide Residue Screen ✔ Pass

04/28/2023

Method: MF-CHEM-13

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

Analyte	LOD/LOQ	Findings	Limit	Status
Abamectin	0.04/0.10	ND	0.3	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
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Pyrethrins	0.15/0.50	ND	1.0	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
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Chemistry

04/28/2023

Analyte	LOD / LOQ (ppm)	ppm
Anisidine	-/-	3.31
Gluten Allergen	1/5	None Detected

Glyphosate

05/16/2023

Method: Anresco MF 2P033

Instrument: LC-MS/MS

Analyte	LOD / LOQ (ppb)	ppb
Glyphosate	100/500	None Detected
AMPA	100/500	None Detected

Heavy Metals - GOL Topicals ✔ Pass

04/28/2023

Instrument: ICP-MS

Analyte	LOD / LOQ (ppm)	ppm	Limit	Status
Arsenic	0.02/0.05	ND	5	Pass
Cadmium	0.02/0.05	ND	5	Pass
Mercury	0.02/0.05	ND	1	Pass
Lead	0.02/0.05	ND	20	Pass

Peroxide Value

04/27/2023

Analyte	meq/kg
Peroxide Value	<0.1 mL

Residual Solvents - GOL Topicals ✔ Pass

04/28/2023

Method: USP OVI<467>

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	1.0	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1.0	Pass
n-Butane	67/200	ND	5000	Pass
Chloroform	0.2/0.5	ND	1.0	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	1.0	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	1.0	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	1.0	Pass

04/29/2023

Water Activity

Method: MF 14G051

Instrument: Decagon

Analyte	Findings	Limit	Status
Water Activity	0.42	0.85	Pass

(-) = Not Tested, ND = None Detected, <LOQ = Below Limit of Quantitation, LOD = Limit of Detection

Reported by


Amanda Eisenberg
Compliance Rep



Scan to verify