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ANALYZED BY:

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

MANUFACTURER:

Garden of Life (Robertet)
4200 Northcorp Parkway
Palm Beach Gardens, FL 33410

SAMPLE INFORMATION

Sample No.:	1169284	**Date Received:**	08/03/2023
Product Name:	1009-823 GOFL CBD+IR	**Date Reported:**	08/18/2023
Matrix:	Other (Tincture)		
Lot #:	W4399010 23212		

TEST SUMMARY

Cannabinoid Profile:	✔ Tested	**Microbiological Screen:**	✔ Tested
Pesticide Residue Screen:	✔ Pass	**Residual Solvent Screen:**	✔ Pass
Heavy Metal Screen:	✔ Pass	**Chemistry:**	✔ Tested
Anisidine Value:	✔ Pass	**Glyphosate:**	✔ Tested
Peroxide Value:	✔ Tested	**Water Activity:**	✔ Pass

Cannabinoid Profile

08/07/2023

Method:	MF-CHEM-15
Instrument:	Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection	0.27 mg/g
Limit of Quantification	0.8 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference (mg/serving)
Δ8-THC	ND	ND	ND	ND	ND	-	-
Δ9-THC	ND	ND	ND	ND	ND	-	-
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	17.29	1.729	16.38	16.38	491.35	15	9.19
CBDA	ND	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	ND	-	-
CBG	ND	ND	ND	ND	ND	-	-
CBGA	ND	ND	ND	ND	ND	-	-
CBN	ND	ND	ND	ND	ND	-	-
Total THC	ND	ND	ND	ND	ND	-	-
Total CBD	17.29	1.729	16.38	16.38	491.35	-	-
Total Cannabinoids	17.29	1.729	16.38	16.38	491.35	-	-
Sum of Cannabinoids	17.29	1.729	16.38	16.38	491.35	-	-
Serving Weight (g)	0.947						
Package Weight (g)	28.41						
g/ml Conversion Factor	0.947						

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

08/16/2023

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

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Certificate of Analysis

Pesticide Residue Screen ✔ Pass

08/07/2023

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

Residual Solvent Screen ✔ Pass

08/07/2023

Method: MF-CHEM-32

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	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	Not Applicable	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

Heavy Metal Screen ✔ Pass

08/07/2023

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.05	ND	0.5	Pass

Chemistry

08/11/2023

Analyte	LOD / LOQ (ppm)	ppm
Gluten Allergen	1/5	ND

Anisidine Value

08/11/2023

Analyte	Findings
p-Anisidine Value	ND
TOTOX	ND

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Glyphosate

08/17/2023

Method: Anresco MF 2P033

Instrument: LC-MS/MS

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

Peroxide Value

08/11/2023

Method: AOCS Cd 8-53

Analyte	meq/kg
Peroxide Value	<0.1

Water Activity

08/07/2023

Method: MF 14G051

Instrument: Decagon

Analyte	Findings	Limit	Status
Water Activity	0.33	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

8.21.23
Lab Manager

8/21/23
QA Manager

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