

ANALYZED BY:

 Anresco Laboratories
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 C8-0000052-LIC

MANUFACTURER:

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

SAMPLE INFORMATION
Sample No.: 1099296
Product Name: 4413 CBD plus sleep
Matrix: Other (Tincture)
Batch #: W2986828 21291

Date Received: 10/26/2021
Date Reported: 11/19/2021

TEST SUMMARY
Cannabinoid Profile: ✔ Tested
Pesticide Residue Screen: ✔ Tested
Heavy Metal Screen: ✔ Pass
Gluten: ✔ Pass
Vitamin D: ✔ Pass
Microbiological Screen: ✔ Tested
Residual Solvent Screen: ✔ Pass
Anisidine Value: ✔ Pass
Peroxide Value: ✔ Tested
Water Activity: ✔ Pass
Cannabinoid Profile

10/29/2021

Method: MF12D012
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	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	16.95	1.695	15.99	15.99	479.61	-	-
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	16.95	1.695	15.99	15.99	479.61	15	6.58
Total Cannabinoids	16.95	1.695	15.99	15.99	479.61	-	-
Total Active Cannabinoids	16.95	1.695	15.99	15.99	479.61	-	-
Serving Weight (g)	0.943						
Measured Package Weight (g)	28.29						
g/ml Conversion Factor	0.943						

Microbiological Screen

10/29/2021

Analyte	Findings	Units	Method
Standard Plate Count	<10	cfu/g	FDA BAM
Yeast	<10	cfu/g	AOAC 2014.05
Mold	<10	cfu/g	AOAC 2014.05
Coliforms	<10	cfu/g	FDA BAM - ECC AGAR
E. coli	<10	cfu/g	FDA BAM - ECC AGAR
Salmonella	Negative	/1g	AOAC 2016.01
Staphylococcus	<10	cfu/g	AOAC 2003.07
Enterobacteriaceae	<10	cfu/g	AOAC 2003.01

Pesticide Residue Screen Tested

10/29/2021

Method: MF 21P030

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

Analyte	LOD/LOQ	Findings	Limit	Status
Glyphosate	-	None Detected	-	-
AMPA	-	None Detected	-	-
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
Pacllobutrazol	0.02/0.06	ND	0.02	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Pyrethrins	0.10/0.30	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

10/29/2021

Method: USP OVI<467>

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.10/1.00	ND	1	Pass
Acetone	50/150	ND	5000	Pass
Acetonitrile	4/12	ND	410	Pass
Benzene	0.10/1.00	ND	1	Pass
n-Butane	48/160	ND	5000	Pass
Chloroform	0.10/1.00	ND	1	Pass
Ethanol	67/200	ND	Not Applicable	Pass
Ethyl acetate	27/80	ND	5000	Pass
Ethyl ether	17/50	ND	5000	Pass
Ethylene oxide	0.50/1.00	ND	1	Pass
n-Heptane	1/4	ND	5000	Pass
n-Hexane	2/10	ND	290	Pass
Isopropyl alcohol	33/100	ND	5000	Pass
Methanol	50/150	ND	3000	Pass
Methylene chloride	0.50/1.00	ND	1	Pass
n-Pentane	2/6	ND	5000	Pass
Propane	10/33	ND	5000	Pass
Toluene	10/30	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	30/90	ND	2170	Pass
Trichloroethylene	0.10/1.00	ND	1	Pass

Heavy Metal Screen ✔ Pass

10/27/2021

Method: MF 24E020

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

Anisidine Value

11/03/2021

Analyte	Findings
p-Anisidine Value	3.226
Totox	3.226

Gluten

11/01/2021

Method: ELISA

Analyte	Findings
Gluten	ND

Peroxide Value

11/03/2021

Analyte	Findings
Peroxide Value	ND

Vitamin D

11/08/2021

Method: AOAC 2012.11

Instrument: HPLC-DAD

Analyte	ug/mL
Vitamin D3	23.2

Water Activity

10/27/2021

Method: MF 14G051

Instrument: Decagon

Analyte	Findings	Limit	Status
Water Activity	0.40	0.85	Pass

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

Reported by


Marybel Mendez
Compliance Manager



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