

December 04, 2019

**GARDEN OF LIFE**

4200 Northcorp Parkway  
Palm Beach Gardens, FL 33410

Order No. 510054  
Sample No. 1039370

**SAMPLE INFORMATION**

**Description** Dr. Formulated CBD+ Inflammatory Response  
**Lot Number** B1901051  
**Category (Type)** Other (Capsule)  
**Received** November 25, 2019

**ANALYTICAL RESULTS**

**Analysis** Cannabinoid Profile ✔ Pass  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF12D012  
**Analysis Date** November 25, 2019 to December 04, 2019

Analyte	mg/g	mg/g (dry)	% (dry)	mg/serving	mg/package	Status
Total THC	ND	ND	ND	ND	ND	Pass
Total CBD	29.606	29.606	3.14556	15.1592	454.78	-
<b>Moisture</b>	5.88 %					
<b>Label Claims</b>	15mg CBD per serving, THC free					
<b>Measured Serving Weight (g)</b>	0.51203					
<b>Servings / Unit</b>	30					

Reported by  
**Anresco, Inc.**




Joshua Richard  
Director of Cannabis Services

December 04, 2019

Limit of Quantitation: 1.0 mg/g  
Limit of Detection: 0.4 mg/g  
ND = None Detected  
<LOQ = Below Limit of Quantitation  
<LOD = Below Limit of Detection

**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.:** 1034374  
**Product Name:** NDT Whole Plant Hemp Oil Extract  
**Matrix:** Concentrate  
**Batch #:** PX-19211-NDT

**Date Received:** 09/20/2019  
**Date Reported:** 10/02/2019

**TEST SUMMARY**

**Cannabinoid Profile:**  
**Microbiological Screen:**  
**Pesticide Residue Screen:** ✔ Pass  
**Mycotoxin Screen:** ✔ Pass

**Terpenoid Profile:**  
**Residual Solvent Screen:** ✔ Pass  
**Heavy Metal Screen:** ✔ Pass  
**Other Analyses:**  
**Overall:** ✔ Pass

**CANNABINOID PROFILE**

09/25/2019

**Method:** MF12D012  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Quantitation:** 1.0 mg/g  
**Limit of Detection:** 0.4 mg/g

Analyte	mg/g	mg/g (dry)	% (dry)	Status
88 THC	ND	ND	ND	-
89 THC	ND	ND	ND	-
THCV	ND	ND	ND	-
THCVA	ND	ND	ND	-
89 THCA	ND	ND	ND	-
CBD	863.5	871.61	87.161	-
CBDA	ND	ND	ND	-
CBC	3.5	3.53	0.353	-
CBCA	ND	ND	ND	-
CBDV	6.3	6.36	0.636	-
CBG	ND	ND	ND	-
CBGA	ND	ND	ND	-
CBN	ND	ND	ND	-
Total THC	ND	ND	ND	-
Total CBD	863.5	871.61	87.161	-
Total Cannabinoids	873.3	881.5	88.15	-
Total Active Cannabinoids	873.3	881.5	88.15	-

**Label Claims** n/p

**Measured Serving Weight (g)**

**TERPENOID PROFILE**

09/24/2019

**Method:** American Herbal Pharmacopoeia  
**Instrument:** Gas Chromatography Mass Spectrometry (GC/MS)

Terpene	mg/g	%	Status
α-Pinene	0.125	0.0125	-
Isopulegol	ND	ND	-
Camphene	ND	<LOQ	-
Menthol	ND	ND	-
β-Myrcene	0.22	0.022	-
(-)-Borneol	0.0947	0.00947	-
β-Pinene	0.016	0.0016	-
Terpineol	0.31	0.03100	-
δ-3-Carene	ND	ND	-
Citronellol	ND	ND	-
Limonene	0.244	0.0244	-
Geraniol	ND	ND	-
α-Terpinene	0.019	0.0019	-
β-Caryophyllene	1.62	0.162	-
trans-beta-Ocimene	ND	<LOQ	-
α-Humulene	0.83	0.083	-
cis-beta-Ocimene	ND	ND	-
cis-Nerolidol	ND	ND	-

Terpene	mg/g	%	Status
p-Cymene	ND	ND	-
trans-Nerolidol	0.656	0.0656	-
Eucalyptol	0.0613	0.00613	-
Guaiol	2.21	0.221	-
γ-Terpinene	0.017	0.0017	-
Caryophyllene Oxide	0.68	0.068	-
Terpinolene	0.016	0.0016	-
α-Bisabolol	7.68	0.768	-
Linalool	0.55	0.055	-
Eudesmol	2.43	0.243	-
<b>Total Terpenes</b>	<b>17.779</b>	<b>1.7779</b>	<b>-</b>

## MICROBIOLOGICAL SCREEN

09/25/2019

Analysis	Method	Finding	Limit
Salmonella	AOAC 2016.01	Negative/1g	ND in 1g
SPC	FDA BAM	<10	NA
Yeast	FDA BAM	<10	NA
Mold	FDA BAM	<10	NA
Coliforms	FDA BAM - ECC Agar	<10	NA
E. coli	FDA BAM - ECC Agar	<10	NA
Staph	AOAC 2003.07	<10	ND in 1g

## PESTICIDE RESIDUE SCREEN ✔ Pass

09/24/2019

**Method:** MF 21P030

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

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.1	Pass
Azoxystrobin	0.04/0.10	ND	0.1	Pass
Bifenazate	0.04/0.10	ND	0.1	Pass
Bifenthrin	0.20/0.50	ND	3.0	Pass
Cyfluthrin	0.70/2.00	ND	2.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
Etoxazole	0.04/0.10	ND	0.1	Pass
Fenoxycarb	0.04/0.10	ND	0.04	Pass
Imazalil	0.04/0.10	ND	0.04	Pass
Imidacloprid	0.04/0.10	ND	5.0	Pass
Myclobutanil	0.04/0.10	ND	0.1	Pass
Pacllobutrazol	0.04/0.10	ND	0.04	Pass
Piperonyl Butoxide	0.04/0.10	ND	3.0	Pass
Pyrethrins	0.20/0.50	ND	0.5	Pass
Spinosad	0.04/0.10	ND	0.1	Pass
Spiromesifen	0.04/0.10	ND	0.1	Pass
Spirotetramat	0.04/0.10	ND	0.1	Pass
Trifloxystrobin	0.04/0.10	ND	0.1	Pass

## RESIDUAL SOLVENT SCREEN ✔ Pass

09/24/2019

**Method:** USP OVI<467>

**Instrument:** Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
1,2-Dichloroethane	0.40/1.00	ND	1.0	Pass
Acetone	17/75	ND	5000	Pass
Acetonitrile	1/6	ND	410	Pass
Benzene	0.40/1.00	ND	1.0	Pass
n-Butane	200/600	ND	5000	Pass
Chloroform	0.40/1.00	ND	1.0	Pass
Ethanol	22/100	<LOQ	5000	Pass
Ethyl Acetate	9/40	ND	5000	Pass
Ethyl Ether	11/50	ND	5000	Pass
Ethylene Oxide	0.40/1.00	ND	1.0	Pass
n-Heptane	11/50	ND	5000	Pass
n-Hexane	1/5	ND	290	Pass
Isopropyl Alcohol	11/50	ND	5000	Pass
Methanol	6/25	ND	3000	Pass
Methylene Chloride	0.40/1.00	ND	1.0	Pass
n-Pentane	17/75	ND	5000	Pass
Propane	125/250	ND	5000	Pass
Toluene	3/15	ND	890	Pass
Total Xylenes	1/3	ND	2170	Pass
Trichloroethylene	0.40/1.00	ND	1.0	Pass

**HEAVY METAL SCREEN** ✔ Pass

09/25/2019

Method: MF 24E020

Instrument: ICP-MS

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	0.2	Pass
Cadmium	0.02/0.05	ND	0.2	Pass
Mercury	0.02/0.05	ND	0.1	Pass
Lead	0.02/0.05	<LOQ	0.5	Pass

**MYCOTOXIN SCREEN** ✔ Pass

09/24/2019

Method: MF 21P030

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

Analyte	LOD / LOQ (µg/kg)	Finding (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	10/20	ND	-	-
Aflatoxin B2	10/20	ND	-	-
Aflatoxin G1	10/20	ND	-	-
Aflatoxin G2	10/20	ND	-	-
Total Aflatoxins	10/20	ND	20	Pass
Ochratoxin A	10/20	ND	20	Pass

**OTHER ANALYSES**

Analyte	Method	Instrument	Finding	LOD	LOQ	Units	Date Completed	Limit	Status
Moisture	'AOAC 930.04'	Vacuum or Forced Air Oven	0.93	-	-	-	09/23/2019	-	-
Water Activity	MF 14G051	Decagon	0.571	-	-	-	09/23/2019	0.65	Pass
Gluten	-	-	ND	-	-	-	09/24/2019	-	-
Color	-	-	Amber	-	-	-	09/24/2019	-	-
Flavor	-	-	Grassy	-	-	-	09/24/2019	-	-
Odor	-	-	Piney	-	-	-	09/24/2019	-	-
Glyphosate	Anresco MF 2P030	LC-MS/MS	ND	2	5	ppb	10/02/2019	-	-
AMPA	Anresco MF 2P030	LC-MS/MS	ND	2	5	ppb	10/02/2019	-	-

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

Reported by

  
 Vu Lam  
 Lab Co Director


Scan to verify