

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-000052-LIC

MANUFACTURER:

Essential MI LLC
324 Airport Industrial Dr.
Ypsilanti, MI 48198



SAMPLE INFORMATION

Sample No.: 1040437
Product Name: Pet Drops 500 mg
Matrix: Other (Tincture)
Batch #: 112619

Date Received: 12/11/2019
Date Reported: 12/16/2019

TEST SUMMARY

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

Residual Solvent Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Overall: ✔ Pass

CANNABINOID PROFILE ✔ Pass

12/16/2019

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/ml	mg/package	Listed Value (mg/ serving)	% Difference	Status
88 THC	ND	ND	ND	ND	-	-	-
89 THC	ND	ND	ND	ND	-	-	-
89 THCA	ND	ND	ND	ND	-	-	-
CBD	18.09	1.809	17.01	510.38	500	2.08	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	ND	ND	ND	ND	-	-	Pass
Total CBD	18.09	1.809	17.01	510.38	-	-	-
Total Cannabinoids	18.09	1.809	17.01	510.38	-	-	-
Total Active Cannabinoids	18.09	1.809	17.01	510.38	-	-	-

Label Claims n/p
g/ml Conversion Factor 0.9403

PESTICIDE RESIDUE SCREEN ✔ Pass

12/16/2019

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	0.3	Pass
Acephate	0.04/0.10	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.04/0.10	ND	5.0	Pass
Aldicarb	0.04/0.10	ND	0.04	Pass
Azoxystrobin	0.04/0.10	ND	40.0	Pass
Bifenazate	0.04/0.10	ND	5.0	Pass
Bifenthrin	0.20/0.50	ND	0.5	Pass
Boscalid	0.04/0.10	ND	10.0	Pass
Captan	0.25/0.70	ND	5.0	Pass
Carbaryl	0.20/0.50	ND	0.5	Pass
Carbofuran	0.04/0.10	ND	0.04	Pass
Chlorantraniliprole	0.04/0.10	ND	40.0	Pass
Chlordane	0.04/0.10	ND	0.04	Pass
Chlorfenapyr	0.04/0.10	ND	0.04	Pass
Chlorpyrifos	0.04/0.10	ND	0.04	Pass
Clofentezine	0.04/0.10	ND	0.5	Pass
Coumaphos	0.04/0.10	ND	0.04	Pass
Cyfluthrin	0.70/2.00	ND	1.0	Pass
Cypermethrin	0.35/1.00	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
DDVP (Dichlorovous)	0.04/0.10	ND	0.04	Pass

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
Diazinon	0.04/0.10	ND	0.2	Pass
Dimethoate	0.04/0.10	ND	0.04	Pass
Dimethomorph	0.04/0.10	ND	20.0	Pass
Ethoprop(hos)	0.04/0.10	ND	0.04	Pass
Etofenprox	0.04/0.10	ND	0.04	Pass
Etozazole	0.04/0.10	ND	1.5	Pass
Fenhexamid	0.04/0.10	ND	10.0	Pass
Fenoxycarb	0.04/0.10	ND	0.04	Pass
Fenpyroximate	0.04/0.10	ND	2.0	Pass
Fipronil	0.04/0.10	ND	0.04	Pass
Flonicamid	0.04/0.10	ND	2.0	Pass
Fludioxanil	0.04/0.10	ND	30.0	Pass
Hexythiazox	0.04/0.10	ND	2.0	Pass
Imazalil	0.04/0.10	ND	0.04	Pass
Imidacloprid	0.04/0.10	ND	3.0	Pass
Kresoxim Methyl	0.04/0.10	ND	1.0	Pass
Malathion	0.20/0.50	ND	5.0	Pass
Metalaxyl	0.04/0.10	ND	15.0	Pass
Methiocarb	0.04/0.10	ND	0.04	Pass
Methomyl	0.04/0.10	ND	0.1	Pass
Methyl parathion	0.04/0.10	ND	0.04	Pass
Mevinphos	0.04/0.10	ND	0.04	Pass
Myclobutanil	0.04/0.10	ND	9.0	Pass
Naled	0.04/0.10	ND	0.5	Pass
Oxamyl	0.20/0.50	ND	0.2	Pass
Pacllobutrazol	0.04/0.10	ND	0.04	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.20/0.50	ND	20.0	Pass
Phosmet	0.04/0.10	ND	0.2	Pass
Piperonyl Butoxide	0.04/0.10	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.04/0.10	ND	20.0	Pass
Propoxur	0.04/0.10	ND	0.04	Pass
Pyrethrins	0.20/0.50	ND	1.0	Pass
Pyridaben	0.04/0.10	ND	3.0	Pass
Spinetoram	0.04/0.10	ND	3.0	Pass
Spinosad	0.04/0.10	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.04/0.10	ND	13.0	Pass
Spiroxamine	0.04/0.10	ND	0.04	Pass
Tebuconazole	0.04/0.10	ND	2.0	Pass
Thiacloprid	0.04/0.10	ND	0.04	Pass
Thiamethoxam	0.35/1.00	ND	4.5	Pass
Trifloxystrobin	0.04/0.10	ND	30.0	Pass

RESIDUAL SOLVENT SCREEN ✔ Pass

12/16/2019

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	ND	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

12/13/2019

Method: MF 24E020

Instrument: ICP-MS

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3.0	Pass
Lead	0.02/0.05	<LOQ	0.5	Pass

MYCOTOXIN SCREEN ✔ Pass

12/16/2019

Method: MF 21P030

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

Analyte	LOD / LOQ (µg/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

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

Reported by



Vu Lam
Lab Co Director



Scan to verify