

Customer Name: Theraplant, LLC
Customer Address: 856 Echo Lake Road
Watertown, CT 06795
Phone Number: 860-417-6481

Sample ID: 84061615-1 (Lot: 40mg FSP10) Results issued on: 6/18/2015 COA No. 1072-A

Quality Control Analysis

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria/ <i>Escherichia coli</i> (absence)	Pass
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (absence)	Pass
Mycotoxins	Aflatoxin B1 (< 20 ug/Kg)	Pass
	Aflatoxin B2 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Ochratoxin A (< 20 ug/Kg)	Pass
Heavy Metals	Arsenic - As (< 4.206 ug/g)	Pass
	Cadmium - Cd (< 2.704 ug/g)	Pass
	Mercury - Hg (< 8.712 ug/g)	Pass
	Lead - Pb (< 8.712 ug/g)	Pass
Pesticides	<i>See attachment A</i>	Pass

Cannabinoid Analysis

Via High Performance Liquid Chromatography (HPLC) Analysis

Cannabinoid	Percent by Weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.130%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	8.512%
Cannabidiol Acid (CBD-A)	<0.010%
Cannabidiol (CBD)	0.109%
Cannabigerol Acid (CBG-A)	0.067%
Cannabigerol (CBG)	0.306%
Cannabinol (CBN)	0.118%
Cannabichromene (CBC)	0.130%

Cannabinoid	mg per pill
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.60
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	40.08
Cannabidiol Acid (CBD-A)	<0.01
Cannabidiol (CBD)	0.50
Cannabigerol Acid (CBG-A)	0.31
Cannabigerol (CBG)	1.40
Cannabinol (CBN)	0.54
Cannabichromene (CBC)	0.60

Terpenoid Analysis

Via Gas Chromatography Mass Spectrometry (GC-MS) Analysis

Terpene	Percent by Weight (w/w)
α-Pinene	<0.010%
β-Pinene	<0.010%
β-Myrcene	0.016%
Limonene	0.023%
Ocimene	<0.010%
Linalool	0.039%
β-Caryophyllene	0.150%
Humulene	0.041%



Results Approved by: Jose A. Zavaleta, Director

Attachment A

Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass