Analytical Report

Report To:
Theraplant LLC
856 Echo Lake Road
Watertown, CT 06795

Laboratory Report#: **T061121-03**
Report Date: **06/18/2021**

Sample Site:	**THERAPLANT** • **856 ECHO LAKE RD, WATERTOWN CT**
Product Description:	**IPEN21-012**

Microbiological Parameters	Result	Units	Pass/Fail	Recommended Limits
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	<100	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<100	per gram	PASS	1,000
Coliform	<100	per gram	PASS	1,000
Enteropathogenic E.coli	Not Detected	per gram	PASS	Not Detected
Salmonella species	Not Detected	per gram	PASS	Not Detected

Heavy Metals:	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.007	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.25	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.005	µg/kg BW/day	PASS	<0.29

Mycotoxins:	Result	Units		Limits
Aflatoxin B1	<5	µg/kg	PASS	5
Aflatoxin B2	<5	µg/kg	PASS	5
Aflatoxin G1	<5	µg/kg	PASS	5
Aflatoxin G2	<5	µg/kg	PASS	5
Ochratoxin-A	<5	µg/kg	PASS	5

Pesticides:	
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

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TERPENES by GC/MS (% Dry Weight)	Result	Units
a-pinene	0.35	%
b-pinene	0.47	%
b-myrcene	0.63	%
limonene	2.09	%
linalool	4.12	%
b-caryophyllene	1.10	%
a-humulene	0.25	%
trans-nerolidol	0.04	%
a-bisabolol	0.21	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	<0.01	% weight
CBG	3.64	% weight
CBD	<0.01	% weight
THCV	1.14	% weight
CBN	1.99	% weight
THC	71.48	% weight
CBC	1.32	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	79.57	% weight

Density	1.01	g/cm^3

Comments:
- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 06/11/2021 (2184324-03).

Reviewed & Released by: Michelle Szylobryt, QA / QC
Approved By: Alan C. Johnson, Laboratory Director
Date: 6/18/2021

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CANNABINOIDS	% by Weight	1 mL serving	.1 mL serving	350mg (THC + THCA)	200 mg (THC + THCA)
CBDV	<0.01	<0.01	<0.01	<0.01	<0.01
CBDA	<0.01	<0.01	<0.01	<0.01	<0.01
CBGA	<0.01	<0.01	<0.01	<0.01	<0.01
CBG	3.64	36.76	3.68	17.82	10.18
CBD	<0.01	<0.01	<0.01	<0.01	<0.01
THCV	1.14	11.51	1.15	5.58	3.19
CBN	1.99	20.10	2.01	9.74	5.57
THC	71.48	721.95	72.19	350.00	200.00
CBC	1.32	13.33	1.33	6.46	3.69
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	**----**	**803.66**	**80.37**	**389.61**	**222.64**
Total Cannabinoids (%)	**79.57**	**----**	**----**	**----**	**----**
Total Weight of Sample (g)	**----**	**----**	**----**	**0.490**	**0.280**

Comments:
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