

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

Results issued on: 8/21/2019 COA No.: 84082119-B

Client Lot Number	Sample ID	Tests Conducted
CRSO19-001	1495-3	Quality Control Analysis
	1495-4	
	1495-4	Active Ingredient Analysis
	1495-4	Terpene Analysis

### Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 200 CFU/g	Passed
	Total Yeast and Mold Count	< 20 CFU/g	Passed
	Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	Not Present	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed
Pesticides	See attachment A		Passed

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Client Lot Number: CRSO19-001

## **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

Cannabinoid	Percent by weight (w/w)
$\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A)	1.24%
$\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)	34.7%
Cannabidiol Acid (CBD-A)	0.56%
Cannabidiol (CBD)	33.5%
Cannabigerol Acid (CBG-A)	0.41%
Cannabigerol (CBG)	1.28%
Cannabinol (CBN)	0.76%
Cannabichromene (CBC)	2.54%
Tetrahydrocannabivarin (THCV)	0.26%
Cannabidivarin (CBDV)	<0.10%

## **Terpene Content Results**

*via Gas Chromatography Mass Spectrometry (GC-MS)*

Terpene	Percent by weight (w/w)
$\alpha$ -Pinene	<0.10%
$\beta$ -Pinene	<0.10%
$\beta$ -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
$\beta$ -Caryophyllene	0.16%
Humulene	<0.10%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **CRSO19-001**

### 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