

Customer Name: CT Pharmaceutical Solutions

Customer Address: 47 Lower Main St.

Portland, CT 06480

Phone Number: 860-740-4340

Results issued on: 1/4/2021 COA No.: 89010421-C

Client Lot Number	Sample ID	Tests Conducted
STC052120/062320 KIEF	8088-1	Quality Control Analysis
	8093-3	
	8088-4	Active Ingredient Analysis
	8088-4	Terpene Analysis

Quality Control Results

<u>Test</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

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Tetrahydrocannabinol Acid (THC-A)	49.7%
Tetrahydrocannabinol (THC)	2.62%
Cannabidiol Acid (CBD-A)	0.12%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	1.00%
Cannabigerol (CBG)	0.23%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%
Tetrahydrocannabivarin (THCV)	<0.10%
Cannabidivarin (CBDV)	<0.10%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	0.21%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.61%
Humulene	0.18%
α -Bisabolol	0.22%



Results Approved by Jose A. Zavaleta, Lab Director

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