

Customer Name: Curaleaf, LLC
Customer Address: 34 Hopmeadow St.
Weatogue, CT 06089
Phone Number: 860-271-9318

Results issued on: 12/19/2022 COA No.: 56121922-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
2211288F4-SC	2489-1	Quality Control Analysis	see table below
	2489-2		
	2489-2	Active Ingredient Analysis	ASL-SOP-300
	2489-2	Terpene Analysis	ASL-SOP-301

Quality Control Analysis and Results

<u>Test</u>	<u>Test Conducted</u>	<u>Reference Method</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	USP <2023>	< 10 ⁵ CFU/g	Passed
	Total Yeast and Mold Count	USP <2023>	< 10 ⁵ CFU/g	Passed
	<i>STE.coli</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>E. coli</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Salmonella</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>L. monocytogenes</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus fumigatus</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus flavus</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus niger</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus terreus</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
Mycotoxins	Aflatoxin B1	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin B2	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin G1	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin G2	ASL-SOP-213	< 20 ug/Kg	Passed
	Ochratoxin A	ASL-SOP-213	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	ASL-SOP-400	< 0.14 ug/Kg	Passed
	Cadmium - Cd	ASL-SOP-400	< 0.09 ug/Kg	Passed
	Mercury - Hg	ASL-SOP-400	< 0.29 ug/Kg	Passed
	Lead - Pb	ASL-SOP-400	< 0.29 ug/Kg	Passed

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Client Lot Number: 2211288F4-SC

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Dry-weight percent (% w/w)
Cannabidivarin (CBDV)	<0.01
Cannabidiol Acid (CBD-A)	<0.01
Cannabigerol Acid (CBG-A)	1.05
Cannabigerol (CBG)	0.25
Cannabidiol (CBD)	<0.01
Tetrahydrocannabivarin (THCV)	<0.01
Cannabinol (CBN)	<0.01
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	1.02
Cannabichromene (CBC)	<0.01
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	27.9

Dry-weight percent cannabinoid content = wet-weight percent cannabinoid / (1 – percent moisture / 100)

“Wet-weight” means the weight of the sample as it was collected from facility

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (% w/w)	Terpene	Percent by weight (% w/w)
α -Pinene	1.48	p-Cymene	<0.01
β -Pinene	0.64	γ -Terpinene	<0.01
β -Myrcene	<0.01	Terpinolene	<0.01
Limonene	0.29	Isopulegol	<0.01
Ocimene	<0.01	Guaiol	<0.01
Linalool	<0.01	α -Bisabolol	<0.01
β -Caryophyllene	0.12	Trans-Nerolidol	<0.01
α -Humulene	<0.01	Geraniol	<0.01
Camphene	<0.01		
Δ^3 -Carene	<0.01		
α -Terpinene	<0.01		



Results Approved by
Jose A. Zavaleta, Lab Director

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