

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

Results issued on: 2/14/2023 COA No.: 56021423-I

Client Lot Number	Sample ID	Tests Conducted	Reference Method
2301002F4-AS	2497-3	Quality Control Analysis	see table below
	2497-4		
	2497-4	Active Ingredient Analysis	ASL-SOP-300
	2497-4	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

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: 2301002F4-AS

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)	0.36
Cannabigerol (CBG)	<0.01
Cannabidiol (CBD)	<0.01
Tetrahydrocannabivarin (THCV)	<0.01
Cannabinol (CBN)	<0.01
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.47
Cannabichromene (CBC)	<0.01
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	25.2

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	0.16	p-Cymene	<0.01
β -Pinene	0.11	γ -Terpinene	<0.01
β -Myrcene	<0.01	Terpinolene	<0.01
Limonene	0.38	Isopulegol	<0.01
Ocimene	<0.01	Guaiol	<0.01
Linalool	0.13	α -Bisabolol	<0.01
β -Caryophyllene	0.51	Trans-Nerolidol	<0.01
α -Humulene	0.18	Geraniol	<0.01
Camphene	<0.01		
Δ^3 -Carene	<0.01		
α -Terpinene	<0.01		



Results Approved by
Jose A. Zavaleta, Lab Director

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: **2301002F4-AS**