

Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 1/28/2021 COA No.: 21012821-A

Client Lot Number	Sample ID	Tests Conducted
IOB-210115-O	3578-1	Quality Control Analysis
	3578-2	
	3578-2	Active Ingredient Analysis
	3578-2	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)	mg per 300-mg of product	mg per 500-mg of product	mg per 1000-mg of product	mg per 1040-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.16%	3.48	5.80	11.6	12.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	70.5%	211	352	705	733
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.17%	0.51	0.85	1.70	1.77
Cannabigerol Acid (CBG-A)	0.26%	0.78	1.30	2.60	2.70
Cannabigerol (CBG)	1.91%	5.73	9.55	19.1	19.9
Cannabinol (CBN)	0.71%	2.13	3.55	7.10	7.38
Cannabichromene (CBC)	0.79%	2.37	3.95	7.90	8.22

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	<0.10%
Ocimene	<0.10%
Linalool	0.36%
β -Caryophyllene	1.10%
Humulene	0.35%
α -Bisabolol	0.12%



Results Approved by: Jose A. Zavaleta, Lab Director

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