

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

Results issued on: 6/23/2020 COA No.: 21062320-E

Client Lot Number	Sample ID	Tests Conducted
IOB-F9H10-200526-O	3523-12	Quality Control Analysis
	3523-13	
	3523-13	Active Ingredient Analysis
	3523-13	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	< 10 ⁶ CFU/g	Passed
	Total Yeast and Mold Count	< 10 ⁴ 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
			Residues Detected
Pesticides	See attachment A		ND

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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)	0.11%	0.33	0.55	1.10	1.14
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	77.1%	231	385	771	801.8
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.26%	0.78	1.30	2.60	2.70
Cannabigerol Acid (CBG-A)	0.34%	1.02	1.70	3.40	3.53
Cannabigerol (CBG)	2.05%	6.15	10.2	20.5	21.3
Cannabinol (CBN)	0.84%	2.52	4.20	8.40	8.73
Cannabichromene (CBC)	1.05%	3.15	5.25	10.5	10.9

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	0.12%
β -Caryophyllene	0.79%
Humulene	0.24%
Nerolidol	0.14%
α -Bisabolol	0.15%



Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

Pesticide	Residue limits according to EPA in parts per billion (ppb)
Avermectin (abamectin)	< 10
Acequinocyl	< 20
Bifenazate	< 100
Bifenthrin (synthetic pyrethroid)	< 50
Cyfluthrin (synthetic pyrethroid)	< 20
Etoxazole	< 10
Imazalil	< 100
Imidacloprid	< 50
Myclobutanil	< 20
Paclobutrazol	< 400
Pyrethrins (synthetic)	< 50
Spinosad	< 10
Spiromesifen	< 20
Spirotetramat	< 200
Trifloxystrobin	< 50