

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Indicol Z VPen

330

NDC: 5072

Batch: AGI-TO-F4H15-180629-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 07/24/2018 Net Wt: 0.58 g
Expiration Date: 07/23/2019 0.02 oz
Testing Date: 07/23/2018

Flower Equivalence: 1.32 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Ocimene 0.26 % A-Bisabolol
0.11 % B-Pinene 1.31 % Linalool
0.45 % B-Myrcene 0.99 % B-Caryophyllene
0.94 % Limonene 0.30 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
9.74 mg	310 mg	< 0.10 mg	0.99 mg	1.62 mg	6.09 mg	4.29 mg	7.25 mg
1.68 %	53.4 %	< 0.10 %	0.17 %	0.28 %	1.05 %	0.74 %	1.25 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Indicol Z VPen 330

NDC: 5072 Expiration:

7/23/19

See packaging for more info

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

Results issued on: 7/23/2018 COA No.: 21072318-C

Client Lot Number	Sample ID	Test Conducted
TO-F4H15-180629-P	3351-4	Active Ingredient Analysis
	3351-4	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.68%	8.40	9.74	16.8
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	53.4%	267	310	534
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.17%	0.85	0.99	1.70
Cannabigerol Acid (CBG-A)	0.28%	1.40	1.62	2.80
Cannabigerol (CBG)	1.05%	5.25	6.09	10.5
Cannabinol (CBN)	0.74%	3.70	4.29	7.40
Cannabichromene (CBC)	1.25%	6.25	7.25	12.5

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Client Lot Number: TO-F4H15-180629-P

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	0.11%
β -Myrcene	0.45%
Limonene	0.94%
Ocimene	<0.10%
Linalool	1.31%
β -Caryophyllene	0.99%
Humulene	0.30%
α -Bisabolol	0.26%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **TO-F4H15-180629-P**

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

Results issued on: 7/12/2018 COA No.: 21071218-C

Client Lot Number	Sample ID	Tests Conducted
TO-F4H15-180629-O	3340-5	Quality Control Analysis
	3340-6	Quality Control Analysis
	3340-6	Active Ingredient Analysis
	3340-6	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	< 2,000 CFU/g	Passed
	Total Yeast and Mold Count	< 200 CFU/g	Passed
	Bile-tolerant 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
Pesticides	See attachment A		Passed

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Client Lot Number: TO-F4H15-180629-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	2.08%	10.4	12.1	20.8
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	69.3%	347	402	693
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.21%	1.05	1.22	2.10
Cannabigerol Acid (CBG-A)	0.35%	1.75	2.03	3.50
Cannabigerol (CBG)	1.32%	6.60	7.66	13.2
Cannabinol (CBN)	0.91%	4.55	5.28	9.10
Cannabichromene (CBC)	1.52%	7.60	8.82	15.2

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	0.35%
Limonene	0.78%
Ocimene	<0.10%
Linalool	1.00%
β -Caryophyllene	0.77%
Humulene	0.21%



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)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass

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