Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol Z Pure VPen 422

NDC: 5267

Batch: AGL-WZ-F4H16-180913-O
Ingredients: Cannabis Oil

Packaging Date: 09/24/2018 Net Wt: 0.58 g
Expiration Date: 09/21/2019 0.02 oz
Testing Date: 09/21/2018
Flower Equivalence: 1.68 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS
Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene	0.30 % A-Bisabolol
0.11 % B-Pinene	0.46 % Linalool	
0.30 % B-Myrcene	1.10 % B-Caryophyllene	
0.76 % Limonene	0.34 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
22.0 mg	400 mg	< 0.10 mg	1.22 mg	1.80 mg	9.69 mg	4.70 mg	5.28 mg
3.80 %	69.0 %	< 0.10 %	0.21 %	0.31 %	1.67 %	0.81 %	0.91 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Hybridol Z Pure VPen 422
NDC: 5267 Expiration:
9/21/19
See packaging for more info

AltaSci LABORATORIES
www.altascilabs.com

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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

Results issued on: 9/21/2018 COA No.: 21092118-C

Client Lot Number	Sample ID	Tests Conducted
WZF4H16180913-O	3368-1 3368-2	Quality Control Analysis
	3368-2	Active Ingredient Analysis
	3368-2	Terpene Analysis

Quality Control Results

Analysis	Test Conducted	Specification	Results (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
	Staphylococcus aureus	Not Present	Passed
	Pseudomonas aeruginosa	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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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)	3.80%	19.0	22.0	38.0
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	69.0%	345	400	690
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)	0.31%	1.55	1.80	3.10
Cannabigerol (CBG)	1.67%	8.35	9.69	16.7
Cannabinol (CBN)	0.81%	4.05	4.70	8.10
Cannabichromene (CBC)	0.91%	4.55	5.28	9.10

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	0.30%
Limonene	0.76%
Ocimene	<0.10%
Linalool	0.46%
β-Caryophyllene	1.10%
Humulene	0.34%
α-Bisabolol	0.30%



Results Approved by: Jose A. Zavaleta, Lab Director

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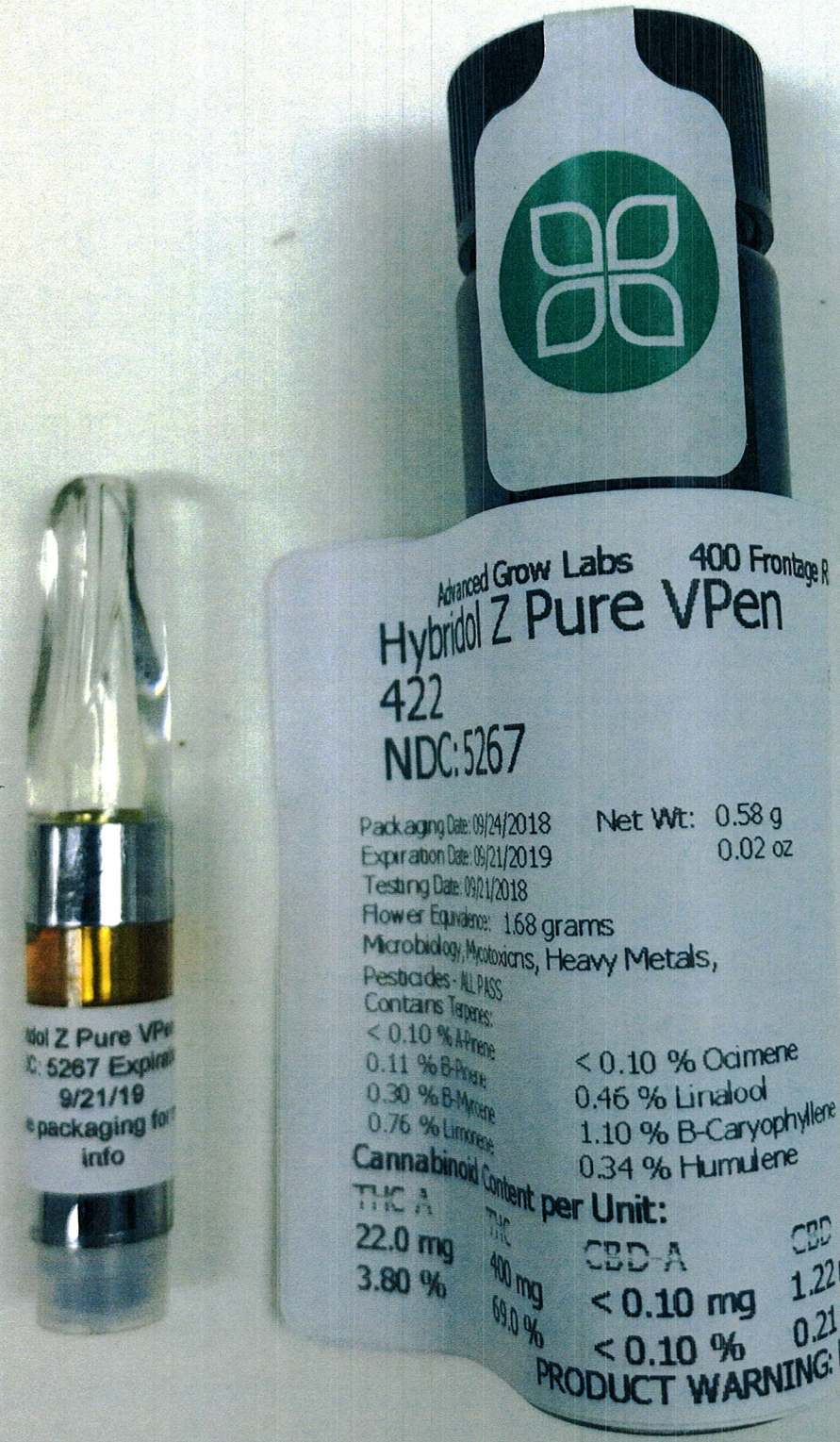
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Attachment A

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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