

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin D Pure VPen 450

Batch: AGL-BD-F1H10-170322-O
Ingredients: Cannabis Oil

NDC: 3143

Packaging Date: 04/03/2017 Net Wt: 0.53 g
Expiration Date: 03/24/2018 0.02 oz
Testing Date: 03/24/2017
Flower Equivalence: 1.8 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Linalool	< 0.01 %
B-Myrcene	0.95 %	B-Caryophyllene	0.33 %
Limonene	< 0.01 %	Humulene	0.10 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.53 mg	452.57 mg	< 0.53 mg	< 0.53 mg	2.49 mg	4.56 mg	1.17 mg	4.19 mg
< 0.1 %	85.39 %	< 0.1 %	< 0.1 %	0.47 %	0.86 %	0.22 %	0.79 %

Sativarin D Pure VPen 450
NDC#3143 Expiration:3/24/18
See vial for more information

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **3/24/2017**Date Tested: **3/24/2017**Laboratory Report#: **N1769403-04**E-Mail: elonergan@adancedgrowlabs.comReport Date: **04/01/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	03/24/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1769403 – 04</u>		
<u>Product Description:</u>	<u>BD-F1H10-170322-O</u>		

Parameter	Result	Units		Recommended Limits *
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	<100	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<100	per gram	PASS	1,000
Coliform	<100	per gram	PASS	1,000
Enteropathogenic E.coli	Not Detected	per gram	PASS	Not Detected
Salmonella species	Not Detected	per gram	PASS	Not Detected

*** RECOMMENDED LIMITS: per American Herbal Pharmacopoeia (2013)****PASS = Product meets Microbial and Fungal Recommended Limits
per American Herbal Pharmacopoeia (2013)****METHODS: USP 2021, USP 2022, FDA-BAM, AOAC 996.09****Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/24/2017

Approved By:

Alan C. Johnson, Laboratory Director

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HEAVY METALS:				
Parameter	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.002	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.002	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.005	µg/kg BW/day	PASS	<0.29

Daily Dose: 1 gram**Body Weight:** 50 kilograms

METHODS: USP <232> and <233> (Modified)
AOAC 986.15, 935.50, 971.21
FCC 7, Appendix 3

LIMITS: per American Herbal Pharmacopoeia (2013)

PASS = Product meets Heavy Metals Recommended Limits
per American Herbal Pharmacopoeia (2013)

Comments:

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TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.95	%
limonene	<0.01	%
ocimene	<0.01	%
linalool	<0.01	%
b-caryophyllene	0.33	%
humulene	0.10	%

METHODS: GC, GC/MS**Comments:**

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PESTICIDES LC (MS/MS)				
Parameter	Result	Units		Limits
Abamectin	<0.01	mg/kg	PASS	15
Acequinocyl	<0.01	mg/kg	PASS	14
Azadiractin	<0.01	mg/kg	PASS	60
Bifenazate	<0.01	mg/kg	PASS	6
Bifenthrin	<0.01	mg/kg	PASS	12
Chlormequat Chloride	<0.01	mg/kg	PASS	30
Cyfluthrin	<0.01	mg/kg	PASS	12
Daminozide	<0.01	mg/kg	PASS	270
Etoxazole	<0.01	mg/kg	PASS	24
Fenoxycarb	<0.01	mg/kg	PASS	32
Imazalil	<0.01	mg/kg	PASS	6
Imidacloprid	<0.01	mg/kg	PASS	36
Myclobutanil	<0.01	mg/kg	PASS	18
Paclobutrazol	<0.01	mg/kg	PASS	13
Pyrethrum	<0.01	mg/kg	PASS	3
Spinosad	<0.01	mg/kg	PASS	12
Spiromesifen	<0.01	mg/kg	PASS	15
Spirotetramat	<0.01	mg/kg	PASS	30
Trifloxystrobin	<0.01	mg/kg	PASS	60

LOQ = 1.0 µg/kg LOD = 0.1 µg/kg

METHODS: LC – MS/MS (Restek Method)**LIMITS:** per FAO - WHO**Comments:**

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<u>Product Description:</u>	BD-F1H10-170322-O		

MYCOTOXINS				
Parameter	Result	Units		Limits
<i>Method: USP 561-II</i>				
Aflatoxin B1	<5	µg/kg	PASS	5
Aflatoxin B2	<5	µg/kg	PASS	5
Aflatoxin G1	<5	µg/kg	PASS	5
Aflatoxin G2	<5	µg/kg	PASS	5
<i>Method: USP 561-II (Mod)</i>				
Ochratoxin-A	<5	µg/kg	PASS	5

METHODS: **USP <561>****Articles of Botanical Origin: Aflatoxins Method 2 (modified for Ochratoxin)****LIMITS:** **per American Herbal Pharmacopoeia (2013)****Comments:**

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<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	0.47	% weight
CBG	0.86	% weight
CBD	<0.1	% weight
CBN	0.22	% weight
THC	85.39	% weight
CBC	0.79	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

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Product Description:	BD-F1H10-170322-O

CANNABINOIDS (mg per 280 mg)	Result	Units
CBDA	<0.28	mg per 280mg
CBGA	1.32	mg per 280mg
CBG	2.41	mg per 280mg
CBD	<0.28	mg per 280mg
CBN	0.62	mg per 280mg
THC	239.09	mg per 280mg
CBC	2.21	mg per 280mg
THCA	<0.28	mg per 280mg

METHODS: HPLC**Comments:**

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Product Description:	BD-F1H10-170322-O

CANNABINOIDS (mg per 420 mg)	Result	Units
CBDA	<0.42	mg per 420mg
CBGA	1.97	mg per 420mg
CBG	3.61	mg per 420mg
CBD	<0.42	mg per 420mg
CBN	0.92	mg per 420mg
THC	358.64	mg per 420mg
CBC	3.32	mg per 420mg
THCA	<0.42	mg per 420mg

METHODS: HPLC**Comments:**

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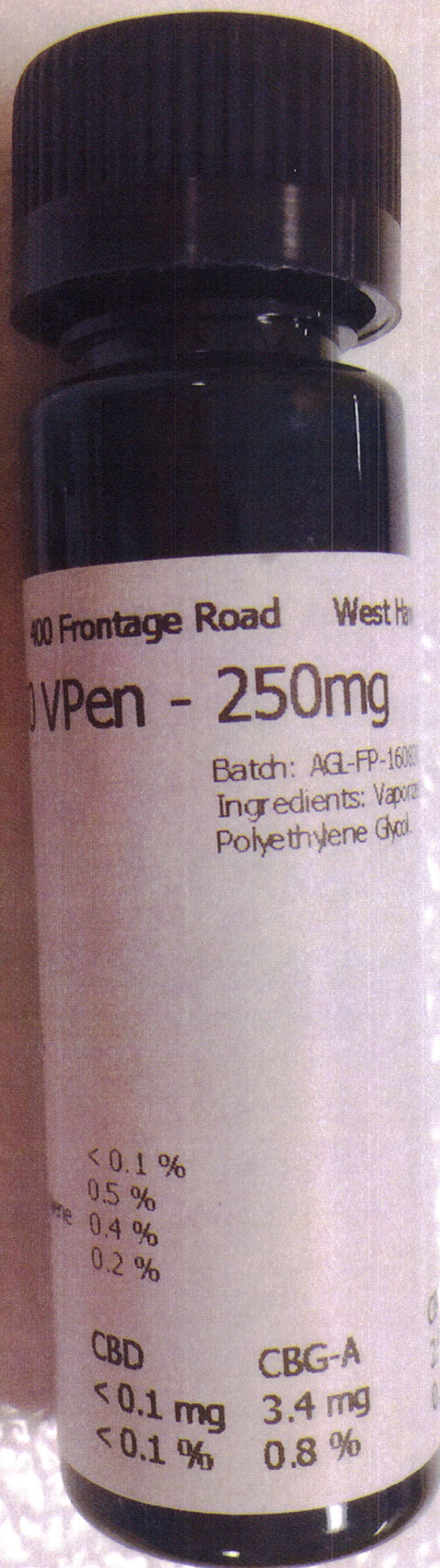
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Product Description:	<u>BD-F1H10-170322-O</u>

<u>CANNABINOIDS (mg per 530 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.53	mg per 530mg
CBGA	2.49	mg per 530mg
CBG	4.56	mg per 530mg
CBD	<0.53	mg per 530mg
CBN	1.17	mg per 530mg
THC	452.57	mg per 530mg
CBC	4.19	mg per 530mg
THCA	<0.53	mg per 530mg

METHODS: HPLC**Comments:**

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400 Frontage Road West Ho

VPen - 250mg

Batch: AGL-FP-16000

Ingredients: Vaporiz
Polyethylene Glycol

< 0.1 %

0.5 %

0.4 %

0.2 %

CBD

< 0.1 mg

< 0.1 %

CBG-A

3.4 mg

0.8 %