

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol F VPen
250
NDC: 3389

Batch: AGL-CC-F5H8-170714-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/10/2017 Net Wt: 0.38 g
Expiration Date: 07/30/2018 0.01 oz

Testing Date: 07/30/2017

Flower Equivalence: 1.0 grams

Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Unaltered	0.82 %
B-Myrcene	0.10 %	B-Caryophyllene	2.39 %
Limonene	0.49 %	Humulene	1.46 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.38 mg	249.58 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg	2.62 mg	< 0.38 mg	1.98 mg
< 0.1 %	65.68 %	< 0.1 %	< 0.1 %	< 0.1 %	0.69 %	< 0.1 %	0.52 %

Hybridol F VPen 250

NDC: 3389 Expiration: 7/30/18

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/27/2017**Date Tested: **7/30/2017**Laboratory Report#: **N1770934-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/09/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/27/2017 10:40 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770934 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-P		

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.10	%
limonene	0.49	%
ocimene	<0.01	%
linalool	0.82	%
b-caryophyllene	2.39	%
humulene	1.46	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/27/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/27/2017**Date Tested: **7/28/2017**Laboratory Report#: **N1770934-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/09/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/27/2017 10:40 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770934 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-P		

CANNABINOIDS (% weight)	Result	Units
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	0.69	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	65.68	% weight
CBC	0.52	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/27/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/27/2017**Date Tested: **7/28/2017**Laboratory Report#: **N1770934-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/09/2017**

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<u>Date Collected:</u>	07/27/2017 10:40 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770934 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-P		

CANNABINOIDS (mg per 380 mg)	Result	Units
CBDA	<0.38	mg per 380mg
CBGA	<0.38	mg per 380mg
CBG	2.62	mg per 380mg
CBD	<0.38	mg per 380mg
CBN	<0.38	mg per 380mg
THC	249.58	mg per 380mg
CBC	1.98	mg per 380mg
THCA	<0.38	mg per 380mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/27/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/27/2017**Date Tested: **7/28/2017**Laboratory Report#: **N1770934-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/09/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/27/2017 10:40 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770934 – 01</u>		
<u>Product Description:</u>	<u>CC-F5H3-170714-P</u>		

<u>CANNABINOIDS (mg per 470 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.47	mg per 470mg
CBGA	<0.47	mg per 470mg
CBG	3.24	mg per 470mg
CBD	<0.47	mg per 470mg
CBN	<0.47	mg per 470mg
THC	308.70	mg per 470mg
CBC	2.44	mg per 470mg
THCA	<0.47	mg per 470mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/27/2017


Approved By: **Alan C. Johnson, Laboratory Director**

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/27/2017**Date Tested: **7/28/2017**Laboratory Report#: **N1770934-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/09/2017**

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<u>Date Collected:</u>	07/27/2017 10:40 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770934 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-P		

CANNABINOIDS (mg per 1,000 mg)	Result	Units
CBDA	<1.00	mg per 1000mg
CBGA	<1.00	mg per 1000mg
CBG	6.90	mg per 1000mg
CBD	<1.00	mg per 1000mg
CBN	<1.00	mg per 1000mg
THC	656.80	mg per 1000mg
CBC	5.20	mg per 1000mg
THCA	<1.00	mg per 1000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/27/2017


Approved By: **Alan C. Johnson, Laboratory Director**

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/18/2017**Laboratory Report#: **N1770781-02****E-Mail: elonergan@advancedgrowlabs.com**Report Date: **07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	<u>CC-F5H3-170714-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: 07/17/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd
West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/27 – 7/28 2017**Laboratory Report#: **N1770781-02****E-Mail: elonergan@advancedgrowlabs.com**Report Date: **07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	<u>CC-F5H3-170714-O</u>		

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/17/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 7/17/2017****Date Tested: 7/21 & 7/24 2017****Laboratory Report#: N1770781-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-O		

TERPENES**(% Dry Weight)****Result Units**

a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.90	%
limonene	<0.01	%
ocimene	<0.01	%
linalool	<0.01	%
b-caryophyllene	0.37	%
humulene	0.19	%

Residual Alcohol	0.14	%
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METHODS: GC, GC/MS**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/17/2017

Approved By:**Alan C. Johnson, Laboratory Director**

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/27/2017**Laboratory Report#: **N1770781-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-O		

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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Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/26/2017**Laboratory Report#: **N1770781-01****E-Mail: elonergan@advancedgrowlabs.com**Report Date: **07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/17/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/21/2017**Laboratory Report#: **N1770781-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **07/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/17/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770781 – 01</u>		
<u>Product Description:</u>	CC-F5H3-170714-O		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	0.77	% weight
CBG	1.55	% weight
CBD	<0.1	% weight
CBN	0.35	% weight
THC	84.20	% weight
CBC	0.72	% weight
THCA	1.41	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/17/2017


Approved By:
Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/17/2017**Date Tested: **7/21/2017**Laboratory Report#: **N1770781-01****E-Mail: elonergan@advancedgrowlabs.com**Report Date: **07/28/2017**

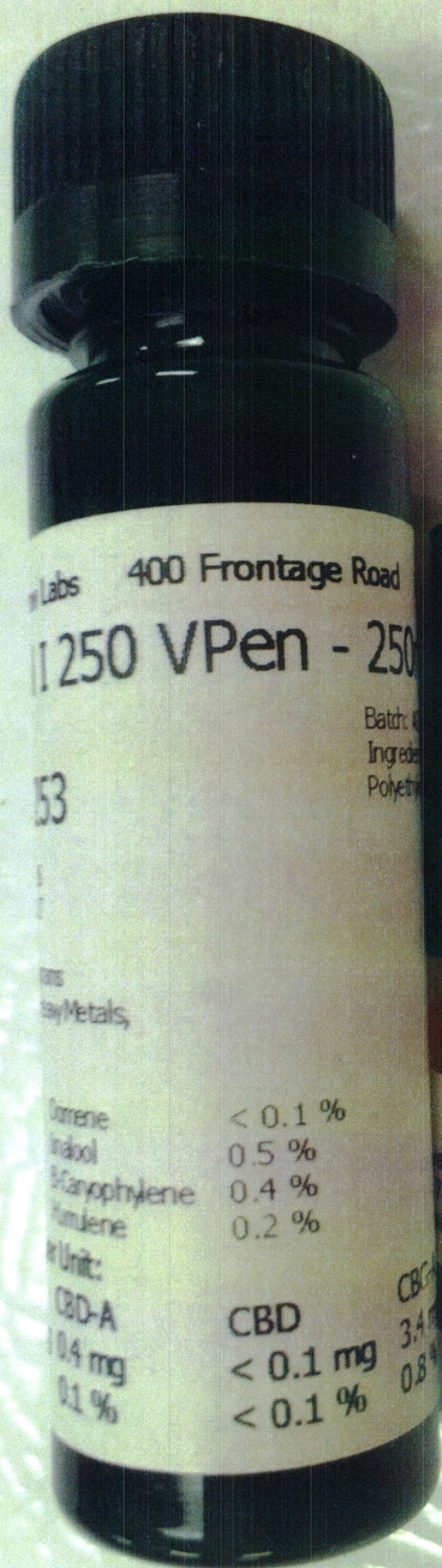
Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	07/17/2017 11:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1770781 – 01
Product Description:	CC-F5H3-170714-O

CANNABINOIDS (mg per 380 mg)	Result	Units
CBDA	<0.38	mg per 380mg
CBGA	2.93	mg per 380mg
CBG	5.89	mg per 380mg
CBD	<0.38	mg per 380mg
CBN	1.33	mg per 380mg
THC	319.96	mg per 380mg
CBC	2.74	mg per 380mg
THCA	5.36	mg per 380mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/17/2017


Approved By: **Alan C. Johnson, Laboratory Director**



400 Frontage Road

Marin L 250 VPen - 250

Batch #
Ingredients
Polyethylene

53

Heavy Metals,

Terpene	< 0.1 %
Indanol	0.5 %
8-Cannophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
10.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

Marin L 250 VPen
86 Expiration
for more info

CBD
3.4
0.8