

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol F 250 VPen - 250mg

V1

NDC: 2872

Batch: AGL-CC-F3H9-170118-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 02/13/2017 Net Wt: 0.42 g
Expiration Date: 01/27/2018 0.01 oz
Testing Date: 01/27/2017

Flower Equivalence: 1.0 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	0 %	Ocimene	0 %
B-Pinene	0 %	Linalool	0.05 %
B-Myrcene	0 %	B-Caryophyllene	0.32 %
Limonene	0 %	Humulene	0.21 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.42 mg	266.57 mg	< 0.42 mg	< 0.42 mg	0.42 mg	6.64 mg	< 0.42 mg	< 0.42 mg
< 0.1 %	63.47 %	< 0.1 %	< 0.1 %	0.10 %	1.58 %	< 0.1 %	< 0.1 %

Hybridol F 250 VPen V1

NDC#2872 Expiration: 1/27/18

See vial for more information

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/27/2017**Laboratory Report#: **N1768741-02****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/26/2017 11:00 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768741 - 02</u>		
<u>Product Description:</u>	CC-F3H9-170118-OP		

TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	0.05	%
b-caryophyllene	0.32	%
humulene	0.21	%

Residual Alcohol	0.03	%
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METHODS: GC, GC/MS**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/31/2017**Laboratory Report#: **N1768741-02****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	01/26/2017 11:00 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1768741 - 02
Product Description:	CC-F3H9-170118-OP

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.1	% weight
CBDA	<0.1	% weight
CBGA	0.10	% weight
CBG	1.58	% weight
CBD	<0.1	% weight
THCV	<0.1	% weight
CBN	<0.1	% weight
THC	63.47	% weight
CBC	<0.1	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

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Report Date:

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Date Collected:	01/26/2017 11:00 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1768741 - 02
Product Description:	CC-F3H9-170118-OP

<u>CANNABINOIDS</u> <u>mg per 280 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.28	mg/280 mg
CBDA	<0.28	mg/280 mg
CBGA	0.28	mg/280 mg
CBG	4.42	mg/280 mg
CBD	<0.28	mg/280 mg
THCV	<0.28	mg/280 mg
CBN	<0.28	mg/280 mg
THC	177.72	mg/280 mg
CBC	<0.28	mg/280 mg
THCA	<0.28	mg/280 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Laboratory ID #:</u>	<u>1768741 - 02</u>		
<u>Product Description:</u>	<u>CC-F3H9-170118-OP</u>		

CANNABINOIDS mg per 420 mg	Result	Units
CBDV	<0.42	mg/420 mg
CBDA	<0.42	mg/420 mg
CBGA	0.42	mg/420 mg
CBG	6.64	mg/420 mg
CBD	<0.42	mg/420 mg
THCV	<0.42	mg/420 mg
CBN	<0.42	mg/420 mg
THC	266.57	mg/420 mg
CBC	<0.42	mg/420 mg
THCA	<0.42	mg/420 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2017

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Laboratory ID #:	1768741 - 02
Product Description:	CC-F3H9-170118-OP

CANNABINOIDS mg per 530 mg	Result	Units
CBDV	<0.53	mg/530 mg
CBDA	<0.53	mg/530 mg
CBGA	0.53	mg/530 mg
CBG	8.37	mg/530 mg
CBD	<0.53	mg/530 mg
THCV	<0.53	mg/530 mg
CBN	<0.53	mg/530 mg
THC	336.39	mg/530 mg
CBC	<0.53	mg/530 mg
THCA	<0.53	mg/530 mg

METHODS: HPLC**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: **01/20/2017**Date Tested: **01/24-01/25/2017**Laboratory Report#: **1768674-02****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/30/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-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: 01/20/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-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:

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	0.03	%
ocimene	---	%
linalool	0.17	%
b-caryophyllene	0.53	%
humulene	0.37	%

Residual Alcohol	0.08	%
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METHODS: GC, GC/MS**Comments:**

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2017

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Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: 01/20/2017

Date Tested: 01/25/2017

Laboratory Report#: 1768674-02

E-Mail: elonergan@adancedgrowlabs.com

Report Date: 01/30/2017

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

MYCOTOXINS				
Parameter	Result	Units		Limits
<u>Method: USP 561-II</u>				
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
<u>Method: USP 561-II (Mod)</u>				
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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Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **01/20/2017**Date Tested: **01/23/2017**Laboratory Report#: **1768674-02****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/30/2017**

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

<u>CANNABINOIDS (% weight)</u>		<u>Result</u>	<u>Units</u>
	CBDV	<0.1	% weight
	CBDA	<0.1	% weight
	CBGA	<0.1	% weight
	CBG	1.97	% weight
	CBD	<0.1	% weight
	THCV	<0.1	% weight
	CBN	<0.1	% weight
	THC	89.27	% weight
	CBC	<0.1	% weight
	THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Date Collected:</u>	01/20/2017 11:30	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1768674-02		
<u>Product Description:</u>	CC-F3H9-17-118-O		

	<u>CANNABINOIDS</u> <u>mg per 280 mg</u>	<u>Result</u>	<u>Units</u>
	CBDV	<0.28	mg/280 mg
	CBDA	<0.28	mg/280 mg
	CBGA	<0.28	mg/280 mg
	CBG	5.52	mg/280 mg
	CBD	<0.28	mg/280 mg
	THCV	<0.28	mg/280 mg
	CBN	<0.28	mg/280 mg
	THC	249.96	mg/280 mg
	CBC	<0.28	mg/280 mg
	THCA	<0.28	mg/280 mg

METHODS: HPLC**Comments:**

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<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

	CANNABINOIDS mg per 420 mg	Result	Units
	CBDV	<0.42	mg/420 mg
	CBDA	<0.42	mg/420 mg
	CBGA	<0.42	mg/420 mg
	CBG	8.27	mg/420 mg
	CBD	<0.42	mg/420 mg
	THCV	<0.42	mg/420 mg
	CBN	<0.42	mg/420 mg
	THC	374.93	mg/420 mg
	CBC	<0.42	mg/420 mg
	THCA	<0.42	mg/420 mg

METHODS: HPLC**Comments:**

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<u>Laboratory ID #:</u>	<u>1768674-02</u>		
<u>Product Description:</u>	<u>CC-F3H9-17-118-O</u>		

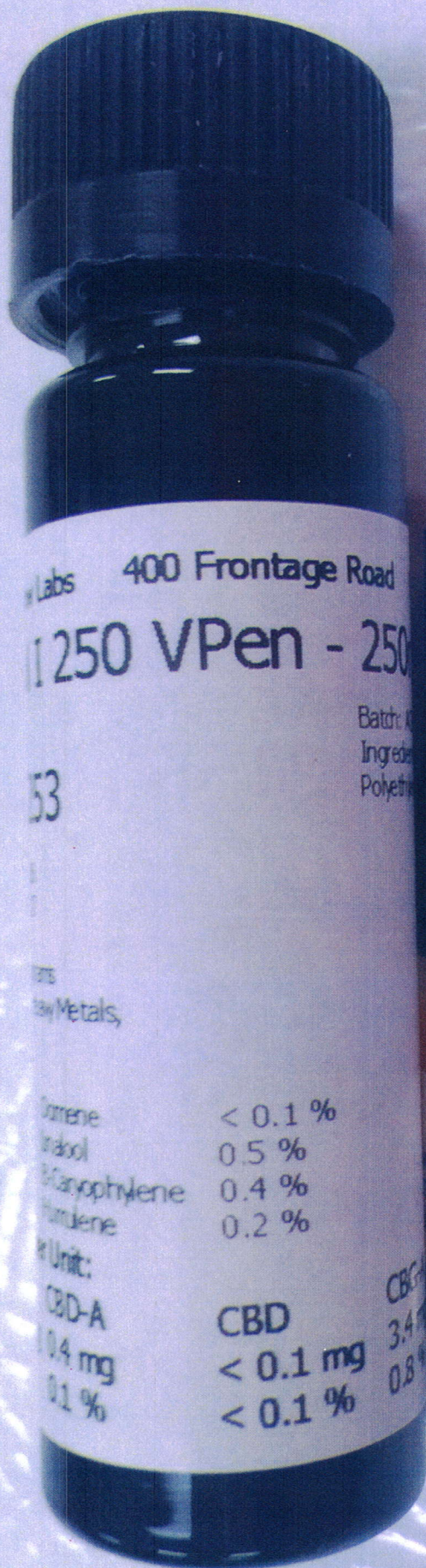
<u>CANNABINOIDS</u> mg per 530 mg	<u>Result</u>	<u>Units</u>
CBDV	<0.53	mg/530 mg
CBDA	<0.53	mg/530 mg
CBGA	<0.53	mg/530 mg
CBG	10.44	mg/530 mg
CBD	<0.53	mg/530 mg
THCV	<0.53	mg/530 mg
CBN	<0.53	mg/530 mg
THC	473.13	mg/530 mg
CBC	<0.53	mg/530 mg
THCA	<0.53	mg/530 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2017

Approved By:

Alan C. Johnson, Laboratory Director



400 Frontage Road

Marin L 250 VPen - 250

Batch: A
Ingredients
Polyphenylene

53

Terpineol
Alcohol

< 0.1 %

0.5 %

Polyphenylene

0.4 %

Humulene

0.2 %

Unit:

CBD-A

CBD

0.4 mg

< 0.1 mg

0.1 %

< 0.1 %

Marin L 250 VPen
786 Expiration
for more info

CBD

3.4 %

0.8 %