

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol U VPen
300
NDC: 4382

Batch: AGL-BSC-F5H6-180202-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 03/16/2018 Net Wt: 0.52 g
Expiration Date: 03/02/2019 0.02 oz

Testing Date: 03/02/2018

Flower Equivalence: 1.20 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Linalool	0.14 %
B-Myrcene	0.19 %	B-Caryophyllene	0.20 %
Limonene	< 0.01 %	Humulene	0.10 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.52 mg	291.95 mg	< 0.52 mg	< 0.52 mg	6.76 mg	< 0.52 mg	< 0.52 mg	4.59 mg
< 0.1 %	56.58 %	< 0.1 %	< 0.1 %	1.31 %	< 0.1 %	< 0.1 %	0.89 %

Hybridol U VPen 300

NDC: 4382 Expiration: 3/2/19

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **03/01/2018**Date Tested: **03/02/2018**Laboratory Report#: **N1873174-01****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **03/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	03/01/2018 11:21 Collected by: W. Clark of NELabs
Laboratory ID #:	1873174-01
Product Description:	BSC-F5H6-180202-P

TERPENES
(% Dry Weight)

	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.19	%
limonene	<0.01	%
ocimene	<0.01	%
linalool	0.14	%
b-caryophyllene	0.20	%
humulene	0.10	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/01/2018

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 03/01/2018****Date Tested: 03/06/2018****Laboratory Report#: N1873174-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 03/16/2018**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	03/01/2018 11:21	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1873174-01</u>		
<u>Product Description:</u>	<u>BSC-F5H6-180202-P</u>		

CANNABINOIDS (% weight)	Result	Units
CBDA	<0.1	% weight
CBGA	1.31	% weight
CBG	<0.1	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	56.58	% weight
CBC	0.89	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/01/2018

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 03/01/2018****Date Tested: 03/06/2018****Laboratory Report#: N1873174-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 03/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	03/01/2018 11:21 Collected by: W. Clark of NELabs
Laboratory ID #:	1873174-01
Product Description:	BSC-F5H6-180202-P

CANNABINOIDS (mg per 500mg)	Result	Units
CBDA	<0.50	mg per 500mg
CBGA	6.55	mg per 500mg
CBG	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBN	<0.50	mg per 500mg
THC	282.90	mg per 500mg
CBC	4.45	mg per 500mg
THCA	<0.50	mg per 500mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/01/2018

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 03/01/2018****Date Tested: 03/06/2018****Laboratory Report#: N1873174-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 03/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	03/01/2018 11:21 Collected by: W. Clark of NELabs
Laboratory ID #:	1873174-01
Product Description:	BSC-F5H6-180202-P

<u>CANNABINOIDS (mg per 524mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.52	mg per 524mg
CBGA	6.76	mg per 524mg
CBG	<0.52	mg per 524mg
CBD	<0.52	mg per 524mg
CBN	<0.52	mg per 524mg
THC	291.95	mg per 524mg
CBC	4.59	mg per 524mg
THCA	<0.52	mg per 524mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/01/2018

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **03/01/2018**Date Tested: **03/06/2018**Laboratory Report#: **N1873174-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **03/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	03/01/2018 11:21 Collected by: W. Clark of NELabs
Laboratory ID #:	1873174-01
Product Description:	BSC-F5H6-180202-P

CANNABINOIDS (mg per 1,000mg)	Result	Units
CBDA	<1.0	mg per 1,000mg
CBGA	13.10	mg per 1,000mg
CBG	<1.0	mg per 1,000mg
CBD	<1.0	mg per 1,000mg
CBN	<1.0	mg per 1,000mg
THC	565.80	mg per 1,000mg
CBC	8.90	mg per 1,000mg
THCA	<1.0	mg per 1,000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/01/2018

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/07/2018**Laboratory Report#: **N1872947-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

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: 02/06/2018

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/15 – 02/16 2018**Laboratory Report#: **N1872947-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

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: 02/06/2018

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/06 & 02/16 2018**Laboratory Report#: **N1872947-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.17	%
limonene	0.04	%
ocimene	<0.01	%
linalool	0.42	%
b-caryophyllene	0.82	%
humulene	0.41	%

Residual Alcohol	0.19	%
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METHODS: GC, GC/MS**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: **02/06/2018**Date Tested: **02/15/2018**Laboratory Report#: **N1872947-01**E-Mail: eloneragan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/06/2018

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/15/2018**Laboratory Report#: **N1872947-01****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-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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Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/10/2018**Laboratory Report#: **N1872947-01****E-Mail:** eloneragan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

CANNABINOIDS (% weight)	Result	Units
CBDA	<0.1	% weight
CBGA	0.31	% weight
CBG	2.38	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	87.40	% weight
CBC	1.40	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/06/2018


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/06/2018**Date Tested: **02/10/2018**Laboratory Report#: **N1872947-01**E-Mail: eloneragan@adancedgrowlabs.comReport Date: **02/16/2018**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

CANNABINOIDS (mg per 500mg)	Result	Units
CBDA	<0.5	mg per 500mg
CBGA	1.55	mg per 500mg
CBG	11.90	mg per 500mg
CBD	<0.5	mg per 500mg
CBN	<0.5	mg per 500mg
THC	437.00	mg per 500mg
CBC	7.00	mg per 500mg
THCA	<0.5	mg per 500mg

METHODS: HPLC**Comments:**

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

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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

CANNABINOIDS (mg per 516mg)	Result	Units
CBDA	<0.52	mg per 516mg
CBGA	1.60	mg per 516mg
CBG	12.28	mg per 516mg
CBD	<0.52	mg per 516mg
CBN	<0.52	mg per 516mg
THC	450.98	mg per 516mg
CBC	7.22	mg per 516mg
THCA	<0.52	mg per 516mg

METHODS: HPLC**Comments:**

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Date Collected:	02/06/2018 11:17 Collected by: W. Clark of NELabs
Laboratory ID #:	1872947-01
Product Description:	BSC-F5H6-180202-O

CANNABINOIDS (mg per 524mg)	Result	Units
CBDA	<0.52	mg per 524mg
CBGA	1.62	mg per 524mg
CBG	12.47	mg per 524mg
CBD	<0.52	mg per 524mg
CBN	<0.52	mg per 524mg
THC	457.98	mg per 524mg
CBC	7.34	mg per 524mg
THCA	<0.52	mg per 524mg

METHODS: HPLC**Comments:**

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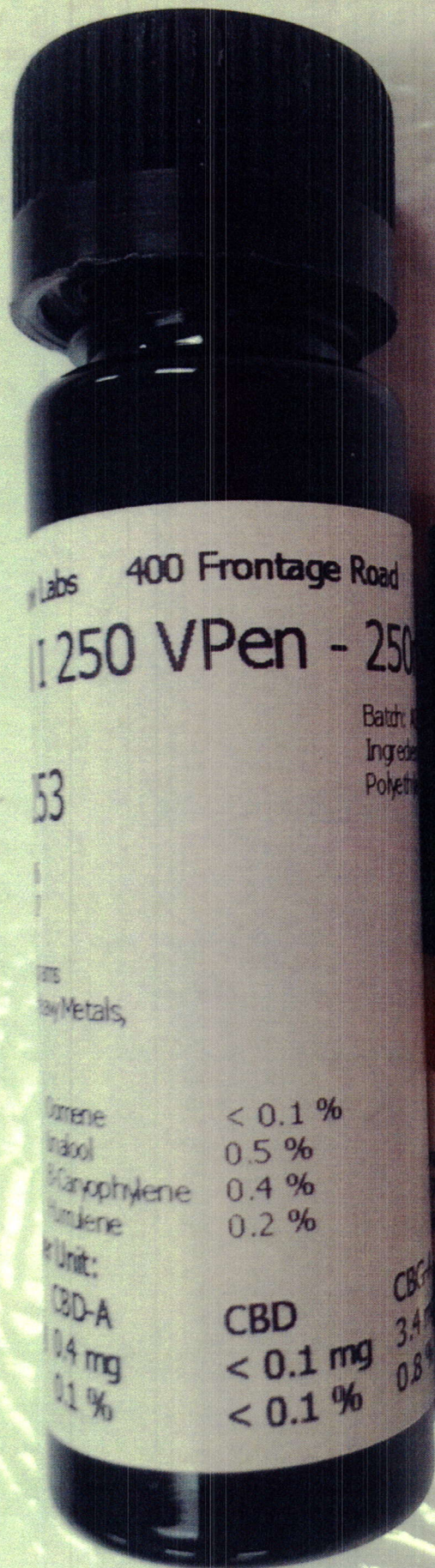
<u>Sample Site:</u>	ADVANCED GROW LABS		
	• 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	02/06/2018	11:17	Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1872947-01</u>		
<u>Product Description:</u>	<u>BSC-F5H6-180202-O</u>		

CANNABINOIDS (mg per 1,000mg)	Result	Units
CBDA	<1.0	mg per 1,000mg
CBGA	3.10	mg per 1,000mg
CBG	23.80	mg per 1,000mg
CBD	<1.0	mg per 1,000mg
CBN	<1.0	mg per 1,000mg
THC	874.00	mg per 1,000mg
CBC	14.00	mg per 1,000mg
THCA	<1.0	mg per 1,000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/06/2018


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



400 Frontage Road

Marin L 250 VPen - 250

Batch: 186
Expiration: 186

53

Heavy Metals,

Terpineol	< 0.1 %
Indanol	0.5 %
p-Caryophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBD
3.4 mg
0.8 %

Marin L 250 VPen
186 Expiration
for more info