

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol A VPen
250
NDC: 3292

Batch: AGL-GSC-F3H10-170420-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 05/17/2017 Net Wt: 0.42 g
Expiration Date: 05/03/2018 0.01 oz
Testing Date: 05/03/2017

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 %	Linalool	0.71 %
B-Myrcene	< 0.01 %	B-Caryophyllene	0.98 %
Limonene	< 0.01 %	Humulene	0.51 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.42 mg	252.67 mg	< 0.42 mg	< 0.42 mg	< 0.42 mg	7.43 mg	0.71 mg	2.56 mg
< 0.1 %	60.16 %	< 0.1 %	< 0.1 %	1.80 %	1.77 %	0.17 %	0.61 %

Hybridol A VPen 250

NDC: 3292 Expiration: 5/3/18

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **5/01/2017**Date Tested: **5/03/2017**Laboratory Report#: **N1769860-04**E-Mail: elonergan@adancedgrowlabs.comReport Date: **05/15/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	05/01/2017 11:55 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769860 – 04
Product Description:	GSC-F3H10-170420-OP

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	<0.01	%
limonene	<0.01	%
ocimene	<0.01	%
linalool	0.71	%
b-caryophyllene	0.98	%
humulene	0.51	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/01/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **5/01/2017**Date Tested: **5/03/2017**Laboratory Report#: **N1769860-04**E-Mail: elonergan@adancedgrowlabs.comReport Date: **05/15/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	05/01/2017 11:55 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769860 – 04
Product Description:	GSC-F3H10-170420-OP

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	1.80	% weight
CBG	1.77	% weight
CBD	<0.1	% weight
CBN	0.17	% weight
THC	60.16	% weight
CBC	0.61	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/01/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **5/01/2017**Date Tested: **5/03/2017**Laboratory Report#: **N1769860-04****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **05/15/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	05/01/2017 11:55 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	1769860 – 04
<u>Product Description:</u>	GSC-F3H10-170420-OP

CANNABINOIDS (mg per 280 mg)	Result	Units
CBDA	<0.28	mg per 280mg
CBGA	<0.28	mg per 280mg
CBG	4.96	mg per 280mg
CBD	<0.28	mg per 280mg
CBN	0.48	mg per 280mg
THC	34.45	mg per 280mg
CBC	1.71	mg per 280mg
THCA	<0.28	mg per 280mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/01/2017


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

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Date Collected:	05/01/2017 11:55 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769860 – 04
Product Description:	GSC-F3H10-170420-OP

CANNABINOIDS (mg per 420 mg)	Result	Units
CBDA	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	7.43	mg per 420mg
CBD	<0.42	mg per 420mg
CBN	0.71	mg per 420mg
THC	252.67	mg per 420mg
CBC	2.56	mg per 420mg
THCA	<0.42	mg per 420mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/01/2017


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

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Date Collected:	05/01/2017 11:55 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769860 – 04
Product Description:	GSC-F3H10-170420-OP

CANNABINOIDS (mg per 530 mg)	Result	Units
CBDA	<0.53	mg per 530mg
CBGA	<0.53	mg per 530mg
CBG	9.38	mg per 530mg
CBD	<0.53	mg per 530mg
CBN	0.90	mg per 530mg
THC	318.85	mg per 530mg
CBC	3.23	mg per 530mg
THCA	<0.53	mg per 530mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/01/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/21/2017**Date Tested: **4/21/2017**Laboratory Report#: **N1769755-02****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	04/21/2017 11:15 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1769755 – 02</u>		
<u>Product Description:</u>	<u>GSC-F3H10-170420-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: 04/21/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: 4/21/2017

Date Tested: 4/27 – 4/28 2017

Laboratory Report#: N1769755-02**E-Mail:** elonergan@advancedgrowlabs.com

Report Date: 04/28/2017

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
Laboratory ID #:	<u>1769755 – 02</u>
Product Description:	<u>GSC-F3H10-170420-O</u>

HEAVY METALS:

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
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: 04/21/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/21/2017**Date Tested: **4/26 & 4/27 2017**Laboratory Report#: **N1769755-02**E-Mail: elonergan@advancedgrowlabs.comReport Date: **04/28/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769755 – 02
Product Description:	GSC-F3H10-170420-O

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.10	%
limonene	0.66	%
ocimene	<0.01	%
linalool	1.76	%
b-caryophyllene	1.70	%
humulene	1.18	%

Residual Alcohol	0.17	%
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METHODS: GC, GC/MS**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/21/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/21/2017**Date Tested: **4/24/2017**Laboratory Report#: **N1769755-02**E-Mail: elonergan@advancedgrowlabs.comReport Date: **04/28/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	1769755 – 02
<u>Product Description:</u>	GSC-F3H10-170420-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: 04/21/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	1769755 – 02
<u>Product Description:</u>	GSC-F3H10-170420-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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Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/21/2017**Date Tested: **4/25/2017**Laboratory Report#: **N1769755-02**E-Mail: elonergan@advancedgrowlabs.comReport Date: **04/28/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769755 – 02
Product Description:	GSC-F3H10-170420-O

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	2.47	% weight
CBD	<0.1	% weight
CBN	0.24	% weight
THC	83.30	% weight
CBC	0.94	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/21/2017


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

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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/21/2017 11:15 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1769755 – 02
Product Description:	GSC-F3H10-170420-O

CANNABINOIDS (mg per 280 mg)	Result	Units
CBDA	<0.28	mg per 280mg
CBGA	<0.28	mg per 280mg
CBG	6.92	mg per 280mg
CBD	<0.28	mg per 280mg
CBN	0.67	mg per 280mg
THC	233.24	mg per 280mg
CBC	2.63	mg per 280mg
THCA	<0.28	mg per 280mg

METHODS: HPLC**Comments:**

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Approved By:

Alan C. Johnson, Laboratory Director

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Laboratory ID #:	1769755 – 02
Product Description:	GSC-F3H10-170420-O

CANNABINOIDS (mg per 420 mg)	Result	Units
CBDA	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	10.37	mg per 420mg
CBD	<0.42	mg per 420mg
CBN	1.01	mg per 420mg
THC	349.86	mg per 420mg
CBC	3.95	mg per 420mg
THCA	<0.42	mg per 420mg

METHODS: HPLC**Comments:**

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Approved By: 
Alan C. Johnson, Laboratory Director

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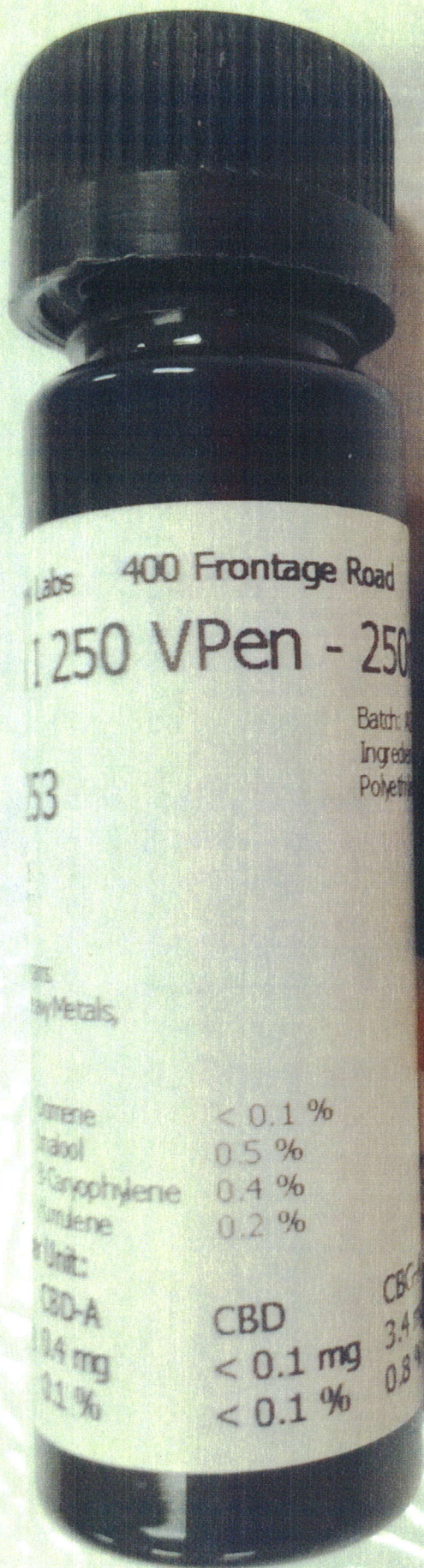
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Laboratory ID #:	1769755 – 02
Product Description:	GSC-F3H10-170420-O

CANNABINOIDS (mg per 530 mg)	Result	Units
CBDA	<0.53	mg per 530mg
CBGA	<0.53	mg per 530mg
CBG	13.09	mg per 530mg
CBD	<0.53	mg per 530mg
CBN	1.27	mg per 530mg
THC	441.49	mg per 530mg
CBC	4.98	mg per 530mg
THCA	<0.53	mg per 530mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/21/2017

Approved By: 
Alan C. Johnson, Laboratory Director



400 Frontage Road

Marin L 250 VPen - 250

Batch: 101
Ingredients
Polyethylene

53

Metals,

Toluene	< 0.1 %
Ethanol	0.5 %
2-Cyclohexyl-1,3-bis(4-methylphenyl)-4-methyl-5-phenyl-1H-pyrazole	0.4 %
Toluene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %



Marin L 250 VPen - 250
07/86 Expiration
for more info

CBD

3.4 %
0.8 %