

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol Q VPen
250
NDC: 3720

Batch: AGL-OGKB-F2H11-170811-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 09/06/2017 Net Wt: 0.38 g
Expiration Date: 08/20/2018 0.01 oz
Testing Date: 08/20/2017

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

Contains Terpenes:
a-Pinene 0.03 % Ocimene < 0.01 %
B-Pinene < 0.01 % Linalool 0.55 %
B-Myrcene 0.10 % B-Caryophyllene 0.22 %
Limonene 0.35 % Humulene 0.52 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.38 mg	263.57 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg	5.47 mg	< 0.38 mg	2.96 mg
< 0.1 %	69.36 %	< 0.1 %	< 0.1 %	< 0.1 %	1.44 %	< 0.1 %	0.78 %

Hybridol Q VPen 250

NDC: 3720 Expiration: 8/20/18

See packaging for more info

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **8/18/2017**Date Tested: **8/20/2017**Laboratory Report#: **N1771222-05****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **09/05/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/18/2017 10:41 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771222 – 05</u>		
<u>Product Description:</u>	OGKB-F2H11-170811-OP		

TERPENES (% Dry Weight)	Result	Units
a-pinene	0.03	%
b-pirene	<0.01	%
b-myrcene	0.10	%
limonene	0.35	%
ocimene	<0.01	%
linalool	0.55	%
b-caryophyllene	0.22	%
humulene	0.52	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/18/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 8/18/2017****Date Tested: 8/19/2017****Laboratory Report#: N1771222-05****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 09/05/2017**

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<u>Laboratory ID #:</u>	<u>1771222 – 05</u>		
<u>Product Description:</u>	OGKB-F2H11-170811-OP		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	1.44	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	69.36	% weight
CBC	0.78	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/18/2017


Approved By:
Alan C. Johnson, Laboratory Director

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<u>Laboratory ID #:</u>	<u>1771222 – 05</u>		
<u>Product Description:</u>	OGKB-F2H11-170811-OP		

CANNABINOIDS (per 380 mg)	Result	Units
CBDA	<0.38	per 380mg
CBGA	<0.38	per 380mg
CBG	5.47	per 380mg
CBD	<0.38	per 380mg
CBN	<0.38	per 380mg
THC	263.57	per 380mg
CBC	2.96	per 380mg
THCA	<0.38	per 380mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/18/2017


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<u>Laboratory ID #:</u>	<u>1771222 – 05</u>		
<u>Product Description:</u>	OGKB-F2H11-170811-OP		

CANNABINOIDS (per 470 mg)	Result	Units
CBDA	<0.47	per 470mg
CBGA	<0.47	per 470mg
CBG	6.77	per 470mg
CBD	<0.47	per 470mg
CBN	<0.47	per 470mg
THC	325.99	per 470mg
CBC	3.67	per 470mg
THCA	<0.47	per 470mg

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	OGKB-F2H11-170811-OP

CANNABINOIDS (mg per 1,000 mg)	Result	Units
CBDA	<1.00	mg per 1,000mg
CBGA	<1.00	mg per 1,000mg
CBG	12.10	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBN	<1.00	mg per 1,000mg
THC	851.30	mg per 1,000mg
CBC	5.30	mg per 1,000mg
THCA	<1.00	mg per 1,000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/18/2017


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**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **8/14/2017**Date Tested: **8/14/2017**Laboratory Report#: **N1771148-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **08/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/14/2017 11:05 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771148 – 01</u>		
<u>Product Description:</u>	<u>OGKB-F2H11-170811-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: 08/14/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd
West Haven, CT 06516****Date Received: 8/14/2017****Date Tested: 8/24 – 8/25 2017****Laboratory Report#: N1771148-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/14/2017 11:05 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771148 – 01</u>
<u>Product Description:</u>	OGKB-F2H11-170811-O

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:

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<u>Laboratory ID #:</u>	<u>1771148 – 01</u>		
<u>Product Description:</u>	OGKB-F2H11-170811-O		

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirane	<0.01	%
b-myrcene	0.43	%
limonene	1.13	%
ocimene	<0.01	%
linalool	0.54	%
b-caryophyllene	0.25	%
humulene	0.31	%

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

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<u>Laboratory ID #:</u>	1771148 – 01		
<u>Product Description:</u>	OGKB-F2H11-170811-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
Etoazole	<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: 08/14/2017

Approved By:**Alan C. Johnson, Laboratory Director****Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com**Telephone: 860-828-9787 Toll Free (In State) 800-826-0105 (Out of State) 800-654-1230 Fax: 860-829-1050
CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 CT CSL #0000624

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Date Collected:	08/14/2017 11:05 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1771148 – 01
Product Description:	OGKB-F2H11-170811-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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Date Collected:	08/14/2017 11:05 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1771148 – 01
Product Description:	OGKB-F2H11-170811-O

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	1.53	% weight
CBD	<0.1	% weight
CBN	0.23	% weight
THC	78.19	% weight
CBC	0.90	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	OGKB-F2H11-170811-O		

<u>CANNABINOIDS (mg per 380 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.38	mg per 380mg
CBGA	<0.38	mg per 380mg
CBG	5.81	mg per 380mg
CBD	<0.38	mg per 380mg
CBN	0.87	mg per 380mg
THC	331.32	mg per 380mg
CBC	3.42	mg per 380mg
THCA	<0.38	mg per 380mg

METHODS: HPLC**Comments:**

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Laboratory ID #:	1771148 – 01
Product Description:	OGKB-F2H11-170811-O

CANNABINOIDS (mg per 470 mg)	Result	Units
CBDA	<0.47	mg per 470mg
CBGA	<0.47	mg per 470mg
CBG	7.19	mg per 470mg
CBD	<0.47	mg per 470mg
CBN	1.08	mg per 470mg
THC	331.32	mg per 470mg
CBC	4.23	mg per 470mg
THCA	<0.47	mg per 470mg

METHODS: HPLC**Comments:**

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Product Description:	OGKB-F2H11-170811-O

CANNABINOIDS (mg per 1,000 mg)	Result	Units
CBDA	<1.00	mg per 1,000mg
CBGA	<1.00	mg per 1,000mg
CBG	15.30	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBN	2.30	mg per 1,000mg
THC	781.90	mg per 1,000mg
CBC	9.00	mg per 1,000mg
THCA	<1.00	mg per 1,000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/14/2017


Approved By: Alan C. Johnson, Laboratory Director

400 Frontage Road

1250 VPen - 250

Batch: 10
Ingredients:
Polyethylene

53

34 Metals,

Terpene	< 0.1 %
Alkohol	0.5 %
Polycarphylene	0.4 %
Humdiene	0.2 %

Unit:

0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CB
3.4
0.8

arin L 250 VP
786 Expiration
for more info