

**Report To:**

Connecticut Pharmaceutical Solutions
Rino Ferrarese & Mark June-Wells, Ph.D.
47 Lower Main St
Portland CT 06480
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& mjunewells@aerlimnology.com

Date Received: 10/16/2015**Date Tested:** 10/16/2015**Laboratory Report#:** N1564073 - 07**1st Email Report via R.Picard:** 10/16/2015**Report Date:** 10/19/2015

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	10/16/2015 15:20
Collected by:	CA of NELabs
Laboratory ID #:	1564073 - 07
Product Description:	#EG0017

★ = Sample #EG0017== This sample, NELabs' #N1564073 - 07, was received on 10/16/2015, tested on 10/16/2015, and reported via email by Ryan Picard on 10/16/2015 == see results below...

Note: Per Mark June Well's 10/21/15 email, product #EG0017 was made from:

- D0028 = NELabs #N1564061 (07) potency (plus: Density & Residual ETOH), as received 10/15/2015; tested 10/15/2015, with result as emailed by Ryan Picard 10/15/2015.
- #C0043 = NELabs #N1563816 (02), potency only, as rc'd 9/23/2015; tested 9/23/2015, with result as emailed by Ryan Picard on 9/24/2015
- **Scotts OG (SOG #560115) Flower** = NE Labs #N1563734 (01), as received for Full Range tests on 9/15/2015, with Cannabinoids tested 9/16/2015, and 1st emailed by R.Picard of NELabs on 9/16/2015. The Full Range report was released 9/29/2015 == with Cannabinoids reported on page #6 therein.

<u>CANNABINOIDS</u> <u>(% weight)</u>	<u>10/16/2015</u> <u>#EG0017</u>	
	<u>Result</u>	<u>Units</u>
CBDA	----	% weight
CBG	1.10	% weight
CBD	----	% weight
CBN	0.47	% weight
THC	59.69	% weight
CBC	0.94	% weight
THCA	2.73	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 10/16/2015
- EG0017 Cannabinoids result were 1st emailed by R.Picard of NELabs on 10/16/2015.

Approved By:

Alan C. Johnson, Laboratory Director

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com

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CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624

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Attn: Rino Ferrarese
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Date Received: 9/15/2015

Date Tested: 9/15/2015

Laboratory Report#: N1563734

Report Date: 9/29/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	9/15/2015 14:10
Collected by:	CA of NELabs
Laboratory ID #:	1563734 - 01
Product Description:	SCOTT'S OG == SOG #560115 FLOWER

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	4,600	per gram	PASS	100,000
Total Yeast & Mold Count	200	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:

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Date Tested: 9/29/2015

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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	<0.0005	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>TERPENE PROFILE</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	---	%
b-pinene	---	%
b-myrcene	0.08	%
limonene	0.08	%
ocimene	---	%
terpinolene	---	%
linalool	---	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	0.65	%
humulene	0.11	%
trans-nerolidol	0.04	%
caryophyllene oxide	---	%
b-eudesmol	---	%

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

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Product Description:	SCOTT'S OG == SOG #560115 FLOWER

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
Etiozazole	<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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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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<u>CANNABINOIDS (% weight)</u>		
	<u>Result</u>	<u>Units</u>
CBDA	----	% weight
CBG	----	% weight
CBD	----	% weight
CBN	----	% weight
THC	2.25	% weight
CBC	---	% weight
THCA	24.20	% weight

METHODS: HPLC**Comments:**

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