

**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: 12/10/2015

Date Tested: 12/10/2015

Laboratory Report#: N1564567 - 07

1st Email Report via R.Picard: 12/11/2015

COA Report Date: 12/17/2015★

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	12/10/2015: 10:55
Collected by:	CA of NELabs
Laboratory ID #:	1564567 - 07
Product Description:	#TN0013-2 ★=Also known as TN0013, per M.June-Wells 12/16/15 Email

★ = Sample #TN0013-2 (TN0013): This sample, NELabs' #N1564567-07, was received as Sample #TN0013-2 on 12/10/2015, tested on 12/10/2015, and reported via email by Ryan Picard on 12/11/2015 == see results below...

Note: Per Mark June Well's 12/16/15 email, product #TN0013-2 (TN0013) was made from:

- SOG#060115 (Scotts OG Flower) per NELabs #N1563734-01, as received for Full Range tests on 9/15/2015, with the Cannabinoids tested on 9/15/2015. Results were emailed 1st by Ryan Picard on 9/16/2015, then included in the Full Range Report that was released 9/29/2015 == with Cannabinoids reported on page #6 therein.

CANNABINOIDS	#1564567-07 (12/10/15)	
(% weight)	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	----	% weight
CBG	0.14	% weight
CBD	----	% weight
THCV	0.04	% weight
CBN	0.09	% weight
THC	5.46	% weight
CBC	0.08	% weight
THCA	0.05	% weight

METHODS: HPLC

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 12/10/2015

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

**Report To:**

Connecticut Pharmaceutical Solutions

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 #:	<u>1563734 - 01</u>
Product Description:	<u>SCOTT'S OG == SOG #560115 FLOWER</u>

<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 996.09Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 9/15/2015

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Date Received: 9/15/2015**Date Tested:** 9/29/2015**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

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>Date Collected:</u>	9/15/2015 14:10
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1563734 – 01
<u>Product Description:</u>	<u>SCOTT'S OG == SOG #560115 FLOWER</u>

<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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**Report To:**

Connecticut Pharmaceutical Solutions
Attn: Rino Ferrarese
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Date Received: 9/15/2015

Date Tested: 9/21/2015

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

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:**

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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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