

**Report To:**

Connecticut Pharmaceutical Solutions
Rino Ferrarese & Mark June-Wells, Ph.D.
Kim Provera & Nancy Polltrack
47 Lower Main St
Portland CT 06480

Date Received: 1/20/2016

Date Tested: 1/21/2016

Laboratory Report#: N1664915 - 05

1st Email Report via R.Picard: 1/21/2016

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COA Report Date: 1/22/2016 ★

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	1/20/2016 14:45	Collected By: CA of NELabs	
<u>Laboratory ID #:</u>	1664915 - 05		
Product Description:	EG0026 ★=		

Note: Per Mark June Well's 1/25/2016 email, product #EG0026 was made from:

- C0053 (Cannabinoids) per NELabs #N1664900-01 as received on 1/18/2016, tested on 1/21/2016, with the results emailed by Ryan Picard on 1/21/2016.
- and
- LMS #071615 (Lemon Skunk) per NELabs #N1564147-01 as received for Full Range tests on 10/23/2015, with the Cannabinoids tested on 10/26/2015. The Cannabinoids results were emailed 1st by Ryan Picard on 10/27/2015, then included in the Full Range Report that was released 10/28/2015
== with Cannabinoids reported on page #6 therein.
- and
- Lemon Skunk -LMS#030415 per NELabs #N1562734-09 as received for Full Range tests on 6/30/2015, with the Cannabinoids tested on 7/20/2015. The Cannabinoids results were emailed 1st by Ryan Picard on 7/06/2015, then included in the Full Range Report that was released 7/07/2016
== with Cannabinoids reported on page #6 therein.

★ = Sample #EG0026 = NELabs Report #N1664915-05 == received on 1/20/2016, tested on 1/21/2016, and reported via email by Ryan Picard on 1/21/2016 == see results below...

CANNABINOIDS		#1664915-05 (1/21/2016)	
(% weight)		Result	Units
CBDV		----	% weight
CBDA		0.18	% weight
CBGA		0.22	% weight
CBG		0.37	% weight
CBD		----	% weight
THCV		0.36	% weight
CBN		0.31	% weight
THC		33.50	% weight
CBC		0.54	% weight
THCA		21.30	% 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

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 DEA Reg.: Federal #RN0281852 + CT #624

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 10/23/2015

Date Tested: 10/23/2015

Laboratory Report#: N1564147

Report Date: 10/28/2015

E-Mail: rino.ferrarese@ctpharma.com1/22/2016 to: kim.provera@ctpharma.comREPORT REPRINTED TO KIM PROVERA
1/21/2016

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	10/23/2015 10:15
Collected by:	CA of NELabs
Laboratory ID #:	1564147 - 01
Product Description:	<u>LMS -- BATCH #071615</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	6,400	per gram	PASS	100,000
Total Yeast & Mold Count	1,400	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: 10/23/2015

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Alan C. Johnson, Laboratory Director

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Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 10/23/2015

Date Tested: 10/27-28/2015

Laboratory Report#: N1564147

Report Date: 10/28/2015

E-Mail: rino.ferrarese@ctpharma.com1/22/2016 to: kim.provera@ctpharma.comREPORT REPRINTED TO KIM PROVERA
1/21/2016

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<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1564147 – 01
<u>Product Description:</u>	<u>LMS -- BATCH #071615</u>

<u>HEAVY METALS:</u>				
<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: 10/23/2015

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Date Received: 10/23/2015

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Laboratory Report#: N1564147

Report Date: 10/28/2015

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<u>Product Description:</u>	<u>LMS -- BATCH #071615</u>

<u>TERPENE PROFILE</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	---	%
b-pinene	0.11	%
b-myrcene	0.22	%
limonene	0.27	%
ocimene	---	%
terpinolene	---	%
linalool	0.53	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	1.49	%
humulene	0.66	%
trans-nerolidol	---	%
caryophyllene oxide	---	%
b-eudesmol	0.23	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 10/23/2015


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**Report To:**

Connecticut Pharmaceutical Solutions
Attn: Rino Ferrarese
47 Lower Main St
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Date Received: 10/23/2015

Date Tested: 10/26/2015

Laboratory Report#: N1564147

Report Date: 10/28/2015

E-Mail: rino.ferrarese@ctpharma.com1/22/2016 to: kim.provera@ctpharma.com

REPORT REPRINTED TO KIM PROVERA
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<u>Product Description:</u>	LMS -- BATCH #071615

PESTICIDES LC (MS/MS)				
<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
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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<u>MYCOTOXINS</u>				
<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
<u>Method: USP 561-II</u>				
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
<u>Method: USP 561-II (Mod)</u>				
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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