



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: 2/03/2016

Date Tested: 2/03/2016

Laboratory Report#: N1665060 - 02

1st Email Report via R.Picard: 2/03/2016

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COA Report Date: 2/10/2016 ★

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	2/03/2016 14:15	Collected By: CA of NELabs	
<u>Laboratory ID #:</u>	<u>1665060 – 02</u>		
<u>Product Description:</u>	OC0028 ★		

★ = Note: Per Mark June Well's 2/10/2016 email, product #OC0028's pedigree is (e.g. was made from):

- C0052 = per NELabs' Report #N1664766-30 was received for Cannabinoids tests on 1/05/2016, tested on 1/12/2016, and was emailed 1st by Ryan Picard on 1/13/2016;
- and
- LMS - BATCHES# 060115 / 071615
 - LMS (Lemon Skunk Kief) -BATCH #060115, per NELabs' Report #N1563878-01, was received for Full Range tests on 9/29/2015, with the Cannabinoids tested on 9/30/2015 and emailed 1st by Ryan Picard on 9/30/2015; then included in the Full Range Report that was released 10/01/2015, with Cannabinoids reported on page #6 therein.
 - and
 - LMS-BATCH #071615, per NELabs' Report #N1564147-01, was received for Full Range tests on 10/23/2015, with the Cannabinoids tested on 10/26/2015 and 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.

★ = Sample #OC0028

CANNABINOIDS	★N1665060-02	2/03/2016
(% weight)	Result	Units
CBDV	----	% weight
CBDA	0.21	% weight
CBGA	0.73	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	0.25	% weight
THC	22.20	% weight
CBC	----	% weight
THCA	66.70	% weight

METHODS: HPLC

Comments: Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 2/03/2016

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: 9/29/2015

Date Tested: 9/29/2015

Laboratory Report#: N1563878

Report Date: 10/07/2015

E-Mail: rino.ferrarese@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	9/29/2015 11:10
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1563878 - 01
<u>Product Description:</u>	LMS: Lemon Skunk Kief, Batch #: 060115

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	17,000	per gram	PASS	100,000
Total Yeast & Mold Count	2,000	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	900	per gram	PASS	1,000
Coliform	900	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: 9/29/2015

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**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 9/29/2015

Date Tested: 10/06/2015

Laboratory Report#: N1563878

Report Date: 10/07/2015

E-Mail: rino.ferrarese@ctpharma.com

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<u>Product Description:</u>	LMS: Lemon Skunk Kief, Batch #: 060115

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	<0.0005	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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Date Received: 9/29/2015
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<u>TERPENE PROFILE</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	—	%
b-pinene	0.09	%
b-myrcene	0.16	%
limonene	0.18	%
ocimene	—	%
terpinolene	—	%
linalool	1.33	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	1.25	%
humulene	0.42	%
trans-nerolidol	—	%
caryophyllene oxide	—	%
b-eudesmol	0.03	%

METHODS: GC, GC/MS

Comments:

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Alan C. Johnson, Laboratory Director

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Attn: Rino Ferrarese

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Date Received: **9/29/2015**Date Tested: **10/01/2015**Laboratory Report#: **N1563878**Report Date: **10/07/2015**E-Mail: rino.ferrarese@ctpharma.com

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Laboratory ID #:	1563878 – 01
Product Description:	LMS: Lemon Skunk Kief, Batch #: 060115

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
Ettoxazole	<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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