

**Report To:**

Connecticut Pharmaceutical Solutions
Attn: Rino Ferrarese
47 Lower Main St
Portland CT 06480

Date Received: 12/08/2015

Date Tested: 12/08/2015

Laboratory Report#: N1564541 - 10

Report Date: 12/16/2015

E-Mail: rino.ferrarese@ctpharma.com

NOTE: CANNABINOIDS & TERPENE PROFILE per Lab.
Rpt#1564567-08 sample (as rc'd 12/10/15) = see pages 4 & 7

NOTE: YEAST & MOLD COUNT Results per Re-Tests Lab
Rpt#1564596-(01-03) samples (as rc'd 12/14/15) = see page #2

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	12/08/2015 10:10
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	<u>1564541 - 10</u>
<u>Product Description:</u>	<u>Lemon Skunk == LMS 082015</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	3,300	per gram	PASS	100,000
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: 12/08/2015

Approved By:

Alan C. Johnson, Laboratory Director

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E-Mail: rino.ferrarese@ctpharma.com

**NOTE: YEAST & MOLD COUNT Results per Re-Tests Lab
Rpt#1564596-(01-03) samples (as rc'd 12/14/15)**

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	12/14/2015 10:40
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	<u>1564596 - 01</u>
<u>Product Description:</u>	<u>Lemon Skunk == LMS 082015</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	500	per gram	PASS 10,000

<u>Laboratory ID #:</u>	<u>1564596 - 02</u>
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<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	200	per gram	PASS 10,000

<u>Laboratory ID #:</u>	<u>1564596 - 03</u>
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<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	500	per gram	PASS 10,000

*** 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: 12/08/2015

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

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<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1564541 - 10
<u>Product Description:</u>	<u>Lemon Skunk == LMS 082015</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)

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Date Received: 12/08/2015

Date Tested: 12/10/2015

Laboratory Report#: N1564541 – 10

== per N1564567 - 08

Report Date: 12/16/2015

NOTE: TERPENE PROFILE per Lab. Rpt#1564567-08 sample
(as rc'd 12/10/15) = see below)

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	12/10/2015 10:55
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	<u>1564567 - 08</u>
<u>Product Description:</u>	<u>Lemon Skunk == LMS 082015</u>

<u>TERPENE PROFILE</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	--	%
b-pinene	0.03	%
b-myrcene	0.35	%
limonene	0.14	%
ocimene	---	%
terpinolene	0.05	%
linalool	0.05	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	0.32	%
humulene	0.14	%
trans-nerolidol	---	%
caryophyllene oxide	---	%
b-eudesmol	0.16	%

METHODS: GC, GC/MS

Comments:

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Date Collected:	12/08/2015 10:10
Collected by:	CA of NELabs
Laboratory ID #:	1564541 - 10
Product Description:	Lemon Skunk == LMS 082015

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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Date Collected:	12/08/2015 10:10
Collected by:	CA of NELabs
Laboratory ID #:	1564541 - 10
Product Description:	<u>Lemon Skunk == LMS 082015</u>

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 Received: 12/10/2015

Date Tested: 12/11/2015

Laboratory Report#: N1564541 – 10
== per N1564567 - 08

Report Date: 12/16/2015

**NOTE: CANNABINOIDS per Lab. Rpt#1564567-08 sample
(as rc'd 12/10/15) = see below)**

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
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<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	<u>1564567 -08</u>
<u>Product Description:</u>	<u>Lemon Skunk == LMS 082015</u>

<u>CANNABINOIDS</u>	<u>#1564567-08 (12/10/15)</u>	
<u>(% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	0.23	% weight
CBGA	0.65	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	0.50	% weight
CBC	----	% weight
THCA	31.16	% weight

METHODS: HPLC

Comments:

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