

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 9/23/2015

Date Tested: 9/23/2015

Laboratory Report#: N1563816

Emailed 1st by R. Picard on 9/24/2015

COA / Report Date: 10/05/2015 ★

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	9/23/2015 11:10
Collected by:	CA of NELabs
Laboratory ID #:	1563816 – 04 OC0016-2
Product Description:	<i>Note: Per Mark June Well's 10/05/15 email, this product was made from:</i> • #C0039 Cannabinoids = NELabs #N1563269-03 as rc'd 8/12/2015; tested 8/14/2015 and Rpt'd (via email from Ryan Picard) on: 8/17/2015 • The Root Flower was DARK SHADOW (DKS120514) = NELabs's Full Range Rpt #1561540-02 as received 2/19/2015 = Cannabinoids (pg.6) tested 2/23/2015 and reported 2/27/2015

CANNABINOIDS (% weight)	OC0016-2	
	Result	Units
CBDA	0.85	% weight
CBG	1.54	% weight
CBD	0.10	% weight
CBN	0.13	% weight
THC	38.10	% weight
CBC	0.62	% weight
THCA	46.40	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 9/23/2015
- ★ = COA typed 10/05/2015, per above.

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 5/15/2015

Date Tested: 5/15/2015

Laboratory Report#: N1562245

Report Date: 5/22/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	5/15/2015 11:00
Collected by:	CA of NELabs
Laboratory ID #:	1562245 - 08
Product Description:	DEPACAN FLOWER

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	120	per gram	PASS	100,000
Total Yeast & Mold Count	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: 5/15/2015

Approved By:

Alan C. Johnson, Laboratory Director



Report To:
Connecticut Pharmaceutical Solutions
Attn: Rino Ferrarese
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Date Received: 5/15/2015
Date Tested: 5/20 to 5/22/2015
Laboratory Report#: N1562245
Report Date: 5/22/2015

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Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	5/15/2015 11:00
Collected by:	CA of NELabs
Laboratory ID #:	1562245 - 08
Product Description:	DEPACAN 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	<0.0002	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>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	5/15/2015 11:00
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1562245 – 08
<u>Product Description:</u>	DEPACAN FLOWER

<u>TERPENE PROFILE</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	0.080	%
b-pinene	0.130	%
b-myrcene	0.500	%
limonene	0.330	%
ocimene	0.340	%
terpinolene	1.180	%
linalool	0.080	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	0.490	%
humulene	0.080	%
trans-nerolidol	0.090	%
caryophyllene oxide	—	%
b-eudesmol	—	%

METHODS: GC, GC/MS

Comments:

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Date Received: 5/15/2015
Date Tested: 5/18/2015
Laboratory Report#: N1562245
Report Date: 5/22/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
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Collected by:	CA of NELabs
Laboratory ID #:	1562245 - 08
Product Description:	DEPACAN 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
Etoazole	<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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Product Description:	DEPACAN FLOWER

<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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