

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese,Mark June-Wells & Kim Provera

47 Lower Main St

Portland CT 06480

Date Received: 1/05/2016

Date Tested: 1/12/2016

1st Emailed: 1/13/2016 by R.Picard

Laboratory Report#: N1664766 – 27

Report Date: 1/20/2016

E-Mail: rino.ferrarese@ctpharma.com

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kim.provo@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	1/05/2016 10:35
Collected by:	CA of NELabs
Laboratory ID #:	1664766 – 27
Product Description:	OC 0023
Note, per Mark June-Wells, Ph.D.'s 1-14-2016 email instructions, the above sample was: derived from CPS's Sample: SNOW BALL FLOWER (a/k/a "SNB041715" = per Mr. June-Well's 1/14/16 email) a) as reported in NELabs' Snow Ball Flower Full Range Report #N1563146 - 09 b) with the Potency/Cannabinoids == received 8/04/2015, tested 8/04/2015, emailed 1st on 8/07/2015 and the typed Full Range Report issued 8/11/2015, including COA results == page 6 therein. c) Results below are #N1664766-27, per sample #OC 0023 as received 1/05/2016 / tested 1/12/2016	

CANNABINOIDS (% weight)	1/05/16 Sample, as tested 1/12/2016	
	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	1.18	% weight
CBG	0.51	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	11.70	% weight
CBC	----	% weight
THCA	70.40	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 1/05/2016

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

47 Lower Main St

Portland CT 06480

Date Received: 8/04/2015

Date Tested: 8/04/2015

Laboratory Report#: N1563146

Report Date: 8/11/2015

E-Mail: rino.ferrarese@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	8/04/2015 11:20
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1563146 – 09
<u>Product Description:</u>	SNOW BALL FLOWER

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	500	per gram	PASS	100,000
Total Yeast & Mold Count	<100	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: 8/04/2015

Approved By:

Alan C. Johnson, Laboratory Director

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47 Lower Main St

Portland CT 06480

Date Received: 8/04/2015

Date Tested: 8/11/2015

Laboratory Report#: N1563146

Report Date: 8/11/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	8/04/2015 11:20
Collected by:	CA of NELabs
Laboratory ID #:	1563146 – 09
Product Description:	SNOW BALL 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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CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624

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Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 8/04/2015

Date Tested: 8/05/2015

Laboratory Report#: N1563146

Report Date: 8/11/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	8/04/2015 11:20
Collected by:	CA of NELabs
Laboratory ID #:	1563146 – 09
Product Description:	<u>SNOW BALL FLOWER</u>

TERPENE PROFILE (% Dry Weight)	Result	Units
<u>Monoterpenoids</u>		
a-pinene	0.05	%
b-pinene	0.14	%
b-myrcene	1.15	%
limonene	0.34	%
ocimene	---	%
terpinolene	---	%
linalool	0.92	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	2.25	%
humulene	0.30	%
trans-nerolidol	---	%
caryophyllene oxide	---	%
b-eudesmol	0.05	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 8/04/2015

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 8/04/2015

Date Tested: 8/06/2015

Laboratory Report#: N1563146

Report Date: 8/11/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	8/04/2015 11:20
Collected by:	CA of NELabs
Laboratory ID #:	1563146 – 09
Product Description:	<u>SNOW BALL FLOWER</u>

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 8/04/2015

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**Report To:**

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

Date Received: 8/04/2015
Date Tested: 5/18/2015
Laboratory Report#: N1563146
Report Date: 8/11/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	8/04/2015 11:20
Collected by:	CA of NELabs
Laboratory ID #:	1563146 – 09
Product Description:	SNOW BALL FLOWER

MYCOTOXINS			
Parameter	Result	Units	Limits
<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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