

**Report To:**

Connecticut Pharmaceutical Solutions
Rino Ferrarese and/or Mark June-Wells, Ph.D.
47 Lower Main St
Portland CT 06480
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& mjunewells@aerlimnology.com

Date Received: 10/08/2015

Date Tested: 10/09/2015

Laboratory Report#: N1563982-04

1st Email Report via R.Picard: 10/09/2015

Report UPDATE: 10/19/2015 ★

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	10/08/2015 10:50
Collected by:	CA of NELabs
Laboratory ID #:	1563982 – 04
Product Description:	#EG0015

★ = Sample #EG0015== This sample, NELabs' #N1563982-04, was received on 10/08/2015, tested on 10/09/2015, and reported via email by Ryan Picard on 10/13/2015.

Note: Per Mark June Well's 10/15/15 email, product #EG0015 was made from:

- D0026 = NELabs #N1566816 (03) potency (plus: Density & Residual ETOH), as received 9/23/2015; tested 9/23/2015, with result as emailed by Ryan Picard 9/24/2015.
- #C0041 = NELabs #N1563597 (10), potency only, as rc'd 9/04/2015; tested 9/04/2015, with result as emailed by Ryan Picard on 9/08/2015
- #TWK-033115, which represent a name change from: NE Labs #N1562950 - 01 (originally reported as "TRAIN WRECK FLOWER FLOWER F2" and updated 8/04/2015 to reflect as 'composite of BT9A, BT9B, BT29A, BT29B, F2'). as received 7/20/2015, tested 7/20/2015 and as reported on page #6 of that full range COA on 7/27/2015 and update on 8/04/2015.

<u>CANNABINOIDS</u> <u>(% weight)</u>	<u>★10/08/2015</u> <u>#EG0015</u>	
	<u>Result</u>	<u>Units</u>
CBDA	----	% weight
CBG	1.87	% weight
CBD	0.15	% weight
CBN	0.48	% weight
THC	58.80	% weight
CBC	3.19	% weight
THCA	2.30	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 10/08/2015
* = Note: EG0015 Cannabinoids result was already emailed by R.Picard of NELabs on 10/13/2015.

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 Ferrarese47 Lower Main St
Portland CT 06480**E-Mail:** rino.ferrarese@ctpharma.com**Date Received:** 7/20/2015**Date Tested:** 7/27/2015**Laboratory Report#:** N1562950**Report Date:** 7/27/2015**★Report Update:** 8/04/2015(see "description" ★
below)

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/20/2015 10:45
Collected by:	CA of NELabs
Laboratory ID #:	1562950 - 01
Product Description:	TRAIN WRECK FLOWER ★ = Composite: (BT-9-A, BT-9-B, BT-29-A, BT-29-B), F2

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 7/20/2015

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below)

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TERPENE PROFILE (% Dry Weight)	Result	Units
Monoterpenoids		
a-pinene	0.07	%
b-pinene	0.13	%
b-myrcene	0.21	%
limonene	0.21	%
ocimene	0.21	%
terpinolene	0.67	%
linalool	0.11	%
Sesquiterpenoids		
b-caryophyllene	0.26	%
humulene	0.07	%
trans-nerolidol	0.10	%
caryophyllene oxide	0.04	%
b-eudesmol	---	%

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

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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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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: 7/28/2015

Date Tested: 7/28/2015

Laboratory Report#: N1563044

Report Date: 8/03/2015

★ = Report Update: 8/04/2015 = see
description below ★

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/28/2015 09:15 == <u>ReSample #1 of 4</u>
Collected by:	CA of NELabs
Laboratory ID #:	1563044 – 01 ★ == <u>Retest of Individual Bins</u>
Product Description:	<u>TRAIN WRECK FLOWER #BT – 9 - A</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	<100	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:

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Date Received: 7/28/2015

Date Tested: 7/28/2015

Laboratory Report#: N1563044

Report Date: 8/03/2015

★ = Report Update: 8/04/2015 = see
description below ★**E-Mail:** rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/28/2015 09:15 == <u>ReSample #2 of 4</u>
Collected by:	CA of NELabs
Laboratory ID #:	1563044 - 02 ★== <u>Retest of Individual Bins</u>
Product Description:	<u>TRAIN WRECK FLOWER #BT - 9 - B</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	300	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: 7/28/2015

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Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/28/2015 09:15 == <u>ReSample #3 of 4</u>
Collected by:	CA of NELabs
Laboratory ID #:	1563044 - 03 ★== <u>Retest of Individual Bins</u>
Product Description:	<u>TRAIN WRECK FLOWER #BT – 29 - A</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	900	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:**

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Report Date: 8/03/2015

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Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/28/2015 09:15 == <u>ReSample #4 of 4</u>
Collected by:	CA of NELabs
Laboratory ID #:	1563044 - 04 ★== <u>Retest of Individual Bins</u>
Product Description:	<u>TRAIN WRECK FLOWER #BT – 29 - B</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>
Total Yeast & Mold Count	7,800	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:**

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