

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 7/30/2015

Date Tested: 7/30/2015

Laboratory Report#: N1563082 – 01

1st Email Report via

R.Picard: 8/03/2015

Report Update: 8/27/2015 ★

★=see Product

Description Update

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	7/30/2015 09:30
Collected by:	CA of NELabs
Laboratory ID #:	1563082 – 01
	EG0008
★ = Product Description:	per R. Ferrarese's 8/26/2015 email, this product was made from: Ghost Train Haze (GTH) as rc'd @ NELabs 6/15/2015 = see 6/22/2015 Report #1562551 - 06

CANNABINOIDS (% weight)		
	Result	Units
CBDA	0.45	% weight
CBG	---	% weight
CBD	0.35	% weight
CBN	0.41	% weight
THC	54.20	% weight
CBC	1.05	% weight
THCA	0.52	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 7/30/2015

* = Note: Cannabinoids result was already emailed by R.Picard of NELabs on 8/03/2015

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 6/15/2015

Date Tested: 6/16/2015

Laboratory Report#: N1562551

Report Date: 6/22/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	6/15/2015 14:15
Collected by:	CA of NELabs
Laboratory ID #:	<u>1562551 - 06</u>
Product Description:	<u>GHOST TRAIN HAZE</u>

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Recommended Limits *</u>
Total Aerobic Microbial Count	4,500	per gram	PASS	100,000
Total Yeast & Mold Count	1,000	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: 6/15/2015

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 6/15/2015**Date Tested:** 6/19/2015**Laboratory Report#:** N1562551**Report Date:** 6/22/2015**E-Mail:** rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	6/15/2015 11:00
Collected by:	CA of NELabs
Laboratory ID #:	1562551 – 06
Product Description:	GHOST TRAIN HAZE

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	<0.0005	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: 6/15/2015

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 6/15/2015

Date Tested: 6/17/2015

Laboratory Report#: N1562551

Report Date: 6/22/2015

E-Mail: rino.ferrarese@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	6/15/2015 11:00
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1562551 – 06
<u>Product Description:</u>	GHOST TRAIN HAZE

<u>TERPENE PROFILE</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
<u>Monoterpenoids</u>		
a-pinene	0.13	%
b-pinene	0.27	%
b-myrcene	0.91	%
limonene	0.43	%
ocimene	---	%
terpinolene	0.96	%
linalool	0.18	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	0.72	%
humulene	0.13	%
trans-nerolidol	---	%
caryophyllene oxide	0.14	%
b-eudesmol	---	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 6/15/2015

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 Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 6/15/2015

Date Tested: 6/17/2015

Laboratory Report#: N1562551

Report Date: 6/22/2015

E-Mail: rino.ferrarese@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	6/15/2015 11:00
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1562551 – 06
<u>Product Description:</u>	GHOST TRAIN HAZE

PESTICIDES LC (MS/MS)				
<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
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: 6/15/2015

Approved By:

Alan C. Johnson, Laboratory Director

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.comTelephone: 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: 6/15/2015

Date Tested: 6/18/2015

Laboratory Report#: N1562551

Report Date: 6/22/2015

E-Mail: rino.ferrarese@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	6/15/2015 11:00
Collected by:	CA of NELabs
Laboratory ID #:	1562551 – 06
Product Description:	<u>GHOST TRAIN HAZE</u>

MYCOTOXINS			
<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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 6/15/2015

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese

47 Lower Main St

Portland CT 06480

Date Received: 6/15/2015

Date Tested: 6/16/2015

Laboratory Report#: N1562551

Report Date: 6/22/2015 *

E-Mail: rino.ferrarese@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
<u>Date Collected:</u>	6/15/2015 11:00
<u>Collected by:</u>	CA of NELabs
<u>Laboratory ID #:</u>	1562551 – 06
<u>Product Description:</u>	GHOST TRAIN HAZE

<u>CANNABINOIDS (% weight)</u>		
	<u>Result</u>	<u>Units</u>
CBDA	----	% weight
CBG	0.19	% weight
CBD	----	% weight
CBN	----	% weight
THC	0.68	% weight
CBC	----	% weight
THCA	22.30	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 6/15/2015

* = Note: Cannabinoids result was already emailed by R.Picard of NELabs on 6/17/15


Approved By: Alan C. Johnson, Laboratory Director