

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: Rino Ferrarese, Ryan Picard& Kim Provera

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/06/2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	01/06/2020	12:25	Collected by: EC of NELabs
<u>Laboratory ID #:</u>	<u>2079968-07</u>		
<u>Product Description:</u>	DC 0066		

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>	
Total Aerobic Microbial Count	<100	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 996.09Comments:

- Results are based on samples submitted to Northeast Laboratories, Inc. on: 01/06/2020

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: *Rino Ferrarese, Ryan Picard*& *Kim Provera & Nancy Poltrack*

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/07 – 01/09 2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.comnpoltrack@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	01/06/2020	12:25	Collected by: EC of NELabs
<u>Laboratory ID #:</u>	<u>2079968-07</u>		
<u>Product Description:</u>	DC 0066		

HEAVY METALS:				
Parameter	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.007	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.25	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)**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/06/2020

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, Ryan Picard*& *Kim Provera & Nancy Poltrack*

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/08/2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.comnpoltrack@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	01/06/2020	12:25	Collected by: EC of NELabs
<u>Laboratory ID #:</u>	<u>2079968-07</u>		
<u>Product Description:</u>	DC 0066		

EXPANDED TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
camphene	---	%
b-pinene	---	%
b-myrcene	---	%
3-carene	---	%
a-terpinene	---	%
p-cymene	---	%
limonene	0.23	%
ocimene	---	%
y-terpinene	---	%
terpinolene	---	%
linalool	0.36	%
(-)-isopulegol	---	%
geraniol	---	%
b-caryophyllene	2.00	%
humulene	0.53	%
cis-nerolidol	---	%
trans-nerolidol	0.17	%
guaial	---	%
a-bisabolol	0.18	%

Residual Alcohol	1.27	%
------------------	------	---

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/06/2020

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, Ryan Picard& Kim Provera & Nancy Poltrack

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/09 – 01/13 2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.comnpoltrack@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	01/06/2020 12:25	Collected by: EC of NELabs	
<u>Laboratory ID #:</u>	<u>2079968-07</u>		
<u>Product Description:</u>	DC 0066		

<u>PESTICIDES</u>	
<u>Parameter</u>	<u>Result</u>
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/06/2020


Approved By: **Alan C. Johnson, Laboratory Director**

**Report To:**

Connecticut Pharmaceutical Solutions

Attn: *Rino Ferrarese, Ryan Picard*& *Kim Provera & Nancy Poltrack*

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/09 – 01/10 2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.comnpoltrack@ctpharma.com

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	01/06/2020	12:25	Collected by: EC of NELabs
<u>Laboratory ID #:</u>	<u>2079968-07</u>		
<u>Product Description:</u>	DC 0066		

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/06/2020

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, Ryan Picard*& *Kim Provera & Nancy Poltrack*

47 Lower Main St

Portland CT 06480

Date Received: **01/06/2020**Date Tested: **01/08/2020**Laboratory Report#: **NCPS011320-03**Report Date: **01/13/2020**E-Mail: rino.ferrarese@ctpharma.comryan.picard@ctpharma.comkim.provo@ctpharma.comnpoltrack@ctpharma.com

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
Date Collected:	01/06/2020	12:25	Collected by: EC of NELabs
Laboratory ID #:	<u>2079968-07</u>		
Product Description:	DC 0066		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	----	% weight
CBGA	0.20	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	72.45	% weight
CBL	----	% weight
CBC	----	% weight
THCA	1.29	% weight

METHODS: HPLC**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/06/200

Approved By:

Alan C. Johnson, Laboratory Director