Analytical Report

Report To:
Connecticut Pharmaceutical Solutions
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Portland CT 06480

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Date Received: 1/20/2016
Date Tested: 1/21/2016

Laboratory Report#: N1664915 - 04
1st Email Report via R.Picard: 1/21/2016

COA Report Date: 2/01/2016 ★

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	1/20/2016 14:45 Collected By: CA of NELabs
Laboratory ID #:	1664915 - 04
Product Description:	**OC0026 ★=**

Note: Per Mark June Well's 2/01/2016 email, product #OC0026 was made from:

- GTH #031715, per NELabs #N1562734-08, as received for Full Range tests on 6/30/2015, with the Cannabinoids tested on 7/02/2015 and emailed 1st by Ryan Picard on 7/06/2015, then included in the Full Range Report that was released 7/07/2016 == with Cannabinoids reported on page #6 therein.

★ = Sample #OC0026 = NELabs Report #N1664915-04 == received on 1/20/2016, tested on 1/21/2016, and reported via email by Ryan Picard on 1/21/2016 == *see results below...*

CANNABINOIDS (% weight)	#1664915-04 (1/21/2016) Result	Units
CBDV	----	% weight
CBDA	0.17	% weight
CBGA	4.67	% weight
CBG	0.74	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	7.02	% weight
CBC	0.23	% weight
THCA	68.60	% weight

METHODS: HPLC
Comments: Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 1/20/2016

Approved By: Alan C. Johnson, Laboratory Director

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Date Received: 6/30/2015
Date Tested: 6/30/2015
Laboratory Report#: N1562734

Report Date: 7/07/2015

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	6/30/2015 11:45 am
Collected by:	CA of NELabs
Laboratory ID #:	**1562734 - 08**
Product Description:	**GTH#031715**

Parameter	Result	Units		Recommended Limits *
Total Aerobic Microbial Count	1,300	per gram	PASS	100,000
Total Yeast & Mold Count	2,000	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: 6/30/2015

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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)

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Product Description:	**GTH#031715**

TERPENE PROFILE	Result	Units
Monoterpenoids		
a-pinene	0.11	%
b-pinene	0.27	%
b-myrcene	0.99	%
limonene	0.45	%
ocimene	0.36	%
terpinolene	1.01	%
linalool	0.26	%
Sesquiterpenoids		
b-caryophyllene	0.74	%
humulene	0.13	%
trans-nerolidol	---	%
caryophyllene oxide	0.07	%
b-eudesmol	0.02	%

METHODS: GC, GC/MS

Comments:
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Product Description:	**GTH#031715**

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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Product Description:	**GTH#031715**

MYCOTOXINS

Parameter	Result	Units		Limits
Method: USP 561-II				
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
Method: USP 561-II (Mod)				
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)

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