

**Report To:**

Connecticut Pharmaceutical Solutions
Rino Ferrarese & Mark June-Wells, Ph.D.
 47 Lower Main St
 Portland CT 06480

Date Received: 11/30/2015

Date Tested: 11/30/2015

Laboratory Report#: N1564462 (10)

1st Email Report via R.Picard: 11/30/2015

E-Mail: rino.ferrarese@ctpharma.com
 & mjunewells@aerlimnology.com

Report Date: 12/01/2015 ★

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	11/30/2015 09:30
Collected by:	ACJ of NELabs
Laboratory ID #:	1564462 – 10 ★
Product Description:	#RS0021

★ = Sample #RS0021: This sample, NELabs' #N1564462-10, was received on 11/30/2015, tested on 11/30/2015, and reported via email by Ryan Picard on 11/30/2015 == see CANNABINOIDS results below...

Note: Per Mark June Well's 12/01/15 email, product #RS0021 was made from:

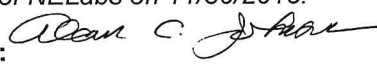
- C0051 = NELabs #N1564367-11 for potency, as received 11/17/2015; tested 11/18/2015, with results emailed by Ryan Picard 11/23/2015.
- RGO2014 via NELabs #N1460988-01, as received for Full Range tests on 11/28/2014 with the Cannabinoids tested 11/28/2014.
 - Note: #N1460988-01 was originally reported as Ringo A N on 12/05/2014, and then reissued on 12/09/2014 with an updated name to Fioraleve B.
 - The Full Range Report #N1460988-01 was released 12/05/2014 (as reissued 12/09/2014) = with Cannabinoids reported on page #6 therein.

and

CANNABINOIDS		★ = 11/30/2015
		#RS0021
<u>(% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	1.34	% weight
CBDA	4.57	% weight
CBGA	0.32	% weight
CBG	1.17	% weight
CBD	43.49	% weight
THCV	0.97	% weight
CBN	0.70	% weight
THC	20.60	% weight
CBC	2.00	% weight
THCA	0.00	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 11/30/2015
- EG0020 Cannabinoids result were 1st emailed by R.Picard of NELabs on 11/30/2015.

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: 11/28/2014 14:30**Date Tested: 11/28/2014 15:00****Laboratory Report#: N1460988****Report Date: 12/04/2014****Product Description****Change per Client 12/09/2014****E-Mail: rino.ferrarese@ctpharma.com**

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	11/28/2014
Collected by:	CA & AJ of NELabs
Laboratory ID #:	1460988 – 01
Product Description:	Fioraleve B

Parameter	Result	Units		Recommended Limits *
Total Aerobic Microbial Count	1,100	per gram	PASS	100,000
Total Yeast & Mold Count	260	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	23	per gram	PASS	1,000
Coliform	23	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: 11/28/2014

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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
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Date Received: 11/28/2014 14:30**Date Tested: 11/28 – 12/4/2014****Laboratory Report#: N1460988****Report Date: 12/05/2014****Product Description****Change per Client 12/09/2014****E-Mail: rino.ferrarese@ctpharma.com**

Sample Site:	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT
Date Collected:	11/28/2014
Collected by:	CA & AJ of NELabs
Laboratory ID #:	1460988 – 01
Product Description:	Fioraleve B

HEAVY METALS:				
Parameter	Result	Units		Limits
Arsenic, Total	<0.001	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.001	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.001	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.0001	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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Laboratory ID #:	1460988 – 01
Product Description:	Fioraleve B

TERPENE PROFILE (AREA %)		
	Result	Units
<u>Monoerpenoids</u>		
a-pinene	9.41	%
b-pinene	4.91	%
b-myrcene	22.38	%
limonene	7.17	%
terpinolene	3.95	%
ocimene	---	%
linalool	---	%
<u>Sesquiterpenoids</u>		
b-caryophyllene	15.69	%
humulene	5.92	%
b-eudesmol	---	%
caryophyllene oxide	---	%
trans-nerolidol	---	%

METHODS: GC / GCMS**Comments:**

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Laboratory Director

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Date Received: 11/28/2014 14:30

Date Tested: 11/28-12/04/2014

Laboratory Report#: N1460988

Report Date: 12/05/2014

Product Description

Change per Client 12/09/2014

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Collected by:	CA & AJ of NELabs
Laboratory ID #:	1460988 - 01
Product Description:	Fioraleve B

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
Chloromequat Chloride	<0.01	mg/kg	PASS	30
Cyfluthrin	<0.01	mg/kg	PASS	12
Daminozide	<0.01	mg/kg	PASS	270
Etiozazole	<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
Paclobutrazole	<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
Trifloxysulfuron	<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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<u>MYCOTOXINS</u>				
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Limits</u>	
<i><u>Method: USP 561-II</u></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><u>Method: USP 561-II (Mod)</u></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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