

Certificate of Analysis

22-Oct-2018

First Priority, MFG Microbiology

Sample (Product) ID: 2018082301

Product (Group): 5981

Batch/Lot:

Source:

Test Dates: 10/15/2018- 10/22/2018

Assay(Test)	Result (CFU/g)	Status
TAC 100,000	<100,000	Pass
E.coli	<0.1	Pass

* Absent in 10 units is indicated by <0.1

153AC

Analyst

10/31/18

Date

0135B

Reviewer

11/1/18

Date



Exact Scientific Services, Inc.

1355 Pacific Place
Suite 101
Ferndale, WA 98248

Phone: (360) 733-1205
Fax: (888) 818-2978
Email: lab@exactscientific.com

Certificate of Analysis

Client: First Priority Manufacturing
2681 Delta Ring Road
Ferndale, WA 98248

Phone: (360) 366-3420
Fax: (360) 366-7238
Email: danielleh@firstprioritymanufacturing.com

Invoice Number: 18-13844
PO Number:
Received Date: 10/19/2018

Approved By: 
Approved Date: 10/22/2018
Project Name:

Lab #: 52174		Sample: 5981 Ben Ong Supplied - Eurycoma Longifolia/ Tongkat Ali Ext 100:1 (Root) Lot# 2018082301			Sample Date: 10/19/2018	
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Heavy Metals						
Arsenic	0.521	ppm	0.01	ESS_3.2.1.202	MR	10/23/2018
Cadmium	0.066	ppm	0.01	ESS_3.2.1.202	MR	10/23/2018
Lead	0.972	ppm	0.01	ESS_3.2.1.202	MR	10/23/2018
Mercury	<0.01	ppm	0.01	ESS_3.2.1.207	MR	10/23/2018

155HwB
10/24/2018

ND = Not detected above the listed detection limit

This report and its results only relate to the specific sample(s) tested and is for exclusive use of the customer named above and shall not be reproduced except in full.

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First Priority Manufacturing

2681 Delta Ring Rd.
Ferndale, WA 98248

Sample Name: 5981		Eurofins Sample: 7798297	
Project ID	FIRST_PR_M-20181023-0001	Receipt Date	23-Oct-2018
PO Number	Not Provided	Receipt Condition	Ambient temperature
Lot Number	2018082301	Login Date	23-Oct-2018
Sample Serving Size	N/A		

Analysis	Result
Screening and Identification of PDE-5 Inhibitors in Dietary Ingredients and Supplements	
2-Hydroxypropylnortadalafil	Not Detected
Acetaminotadalafil	Not Detected
Acetildenafil	Not Detected
Acetylvardenafil	Not Detected
Aminotadalafil	Not Detected
Avanafil	Not Detected
Benzamidenafil	Not Detected
Benzylsildenafil	Not Detected
Carbodenafil	Not Detected
Chlorodenafil	Not Detected
Chloropretadalafil	Not Detected
Desmethylenetadalafil	Not Detected
Desmethylthiosildenafil	Not Detected
Dimethylacetildenafil	Not Detected
Dimethylsildenafil	Not Detected
Dinitrodenafil	Not Detected
Gendenafil	Not Detected
Gisadenafil	Not Detected
Homosildenafil	Not Detected
Hydroxyacetildenafil	Not Detected
Hydroxychlorodenafil	Not Detected
Hydroxyhomosildenafil	Not Detected
Hydroxythiohomosildenafil	Not Detected
Hydroxythiovardenafil	Not Detected
Hydroxyvardenafil	Not Detected
Imidazosagatriazinone	Not Detected
Isosildenafil	Not Detected
Lodenafil carbonate	Not Detected

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Project ID	FIRST_PR_M-20181023-0001	Receipt Date	23-Oct-2018
PO Number	Not Provided	Receipt Condition	Ambient temperature
Lot Number	2018082301	Login Date	23-Oct-2018
Sample Serving Size	N/A		

Analysis	Result
Screening and Identification of PDE-5 Inhibitors in Dietary Ingredients and Supplements	
Mirodenafil	Not Detected
N-Butyltadalafil	Not Detected
N-Desethylvaridenafil	Not Detected
N-Desmethylsildenafil	Not Detected
N-Ethyltadalafil	Not Detected
Nitrodenafil	Not Detected
N-Octylnortadalafil	Not Detected
Noracetildenafil	Not Detected
Norneosildenafil	Not Detected
Norneovardenafil	Not Detected
Nortadalafil	Not Detected
Piperiacetildenafil	Not Detected
Propoxyphenylhomohydroxysildenafil	Not Detected
Propoxyphenylsildenafil	Not Detected
Propoxyphenylthiohydroxyhomosildenafil	Not Detected
Propoxyphenylthiosildenafil	Not Detected
Pseudovardenafil	Not Detected
Pyrazole N-demethylsildenafil	Not Detected
Sildenafil	Not Detected
Sildenafil N-oxide	Not Detected
Tadalafil	Not Detected
Thioaildenafil	Not Detected
Thiohomosildenafil	Not Detected
Thiosildenafil	Not Detected
Udenafil	Not Detected
Vardenafil	Not Detected
Vardenafil N-oxide	Not Detected
Vardenafil oxopiperazine	Not Detected

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PO Number	Not Provided	Receipt Condition	Ambient temperature
Lot Number	2018082301	Login Date	23-Oct-2018
Sample Serving Size	N/A		

Analysis	Result
Screening and Identification of PDE-5 Inhibitors in Dietary Ingredients and Supplements	
Zaprinast	Not Detected
Method Note 1	Based on the similarity search for characteristic features in the high resolution mass spectra, no PDE5 inhibitor analogues structurally related to the above analytes were detected in the sample.
Method Note 2	The reporting limit for each PDE 5 inhibitor is 100 ppm in matrix.

Method References	Testing Location
Screening and Identification of PDE-5 Inhibitors in Dietary Ingredients and Supplements (PDE5_S)	Food Integrity Innovation-Madison
AOAC Official Method 2015.12: Screening and Identification of Phosphodiesterase Type 5 Inhibitors in Dietary Ingredients and Supplements Using Liquid Chromatography / Quadrupole-Orbital Ion Trap Mass Spectrometry, First Action 2015	

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison	Edward Ladwig - Director
Eurofins Food Chemistry Testing US, Inc. 3301 Kinsman Blvd Madison WI 53704 800-675-8375	

Eurofins Food Integrity and Innovation accepts all liability for work conducted as of 01 Aug 2018.

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.

QA Verified/Approved: **Delaney Gaydon**

Digitally signed by Delaney Gaydon
DN: cn=Delaney Gaydon, o=Eurofins
Food Integrity, ou=Quality Assurance,
email=delaney.gaydon@eurofins.us,
c=US
Date: 2018.10.31 15:03:14 -0600

Material Report

Date: 10/10/2018 1:39:27 PM

Product: 1441 Eurycoma Longifolia (Fru

Vendor:

Sample: 3rd Party

Comments: Tested Against # 5981 Lot# 2018082301

Constituent

1441 Long Jack 20-1

Operator: DanielleH

Serial No.: 4113

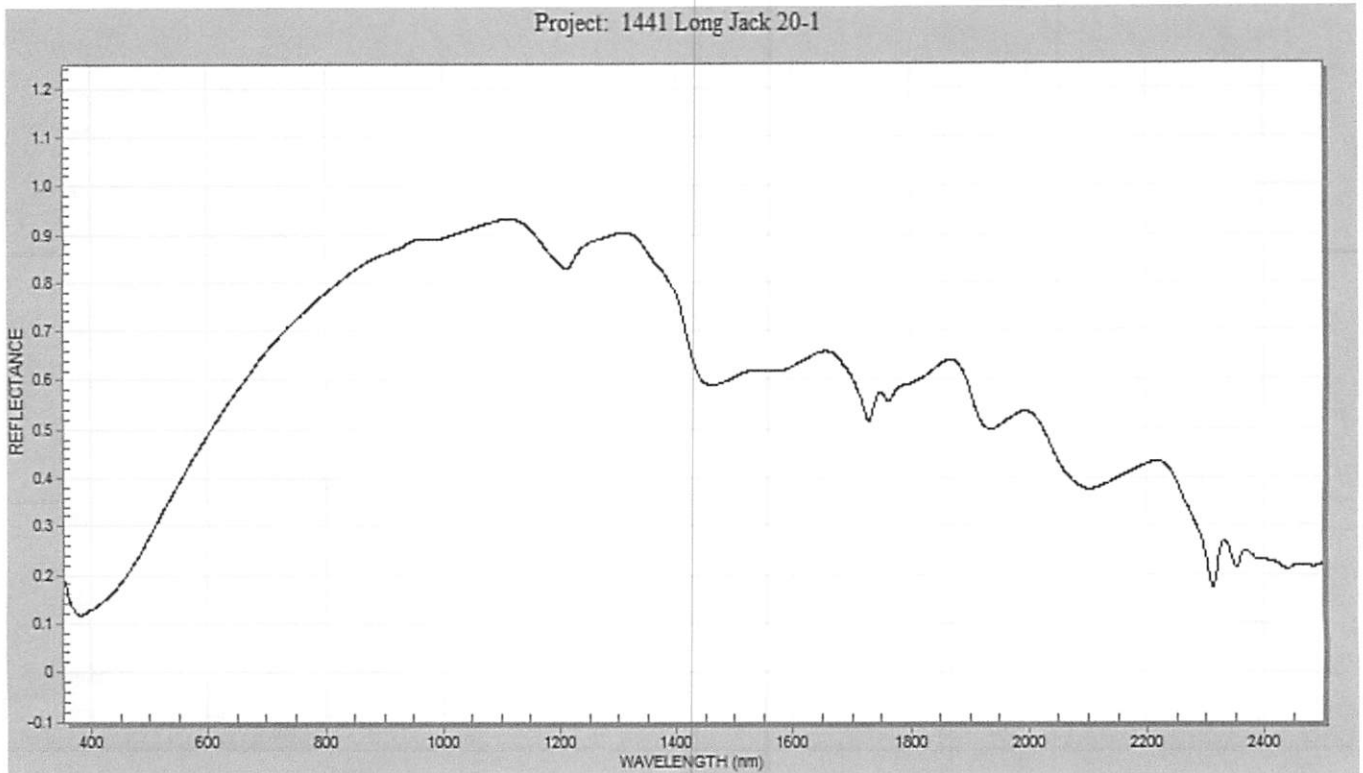
Lot No.: RCN150G13

ID

Pass

Dot Product

0.99903



155HMB 10/10/2018 013SB 11/11/18