

Certificate Issued To:  
Prime Life Nutraceuticals, Inc.  
5390 Overpass Rd.  
Santa Barbara, CA 93111

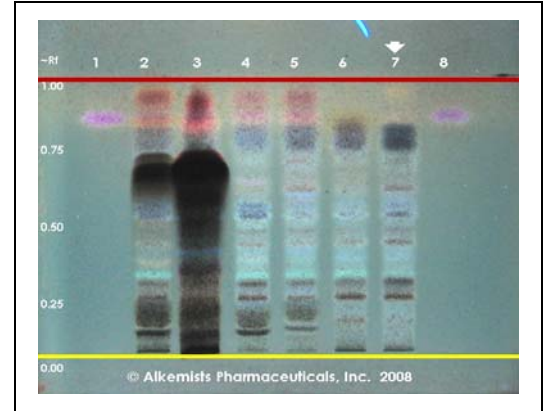
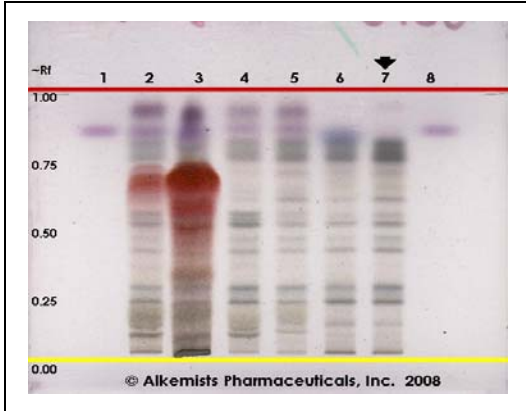


Work performed at:  
**Alkemists Pharmaceuticals**  
1260 Logan Ave B3  
Costa Mesa, CA 92626  
714-754-HERB (4372)  
714-668-9972 (FAX)  
E-mail: info@alkemist.com  
Web Site: www.alkemist.com

**Certificate of Random Analysis 2 of 2: "HoodiThin" (7R20 EXP 05/11)**  
High Performance Thin-Layer Chromatography with Photo-Documentation

1

2



Company Name: Prime Life Nutraceuticals, Inc.  
Title: "HoodiThin"  
Plant Part: aerial part  
Sample Received: 5/2/2008  
Sample Description: 1oz in a glass drop bottle  
Form of Botanical: liquid extract  
Appearance: dark liquid  
Source: n/a  
Lot #: (7R20 EXP 05/11) → Lane 7(5µl)  
Sample #: AU12308PLN3  
Latin Name: Hoodia gordonii (Masson) Sweet ex Decne  
Reference Sample #: Lane 4(5µl) (AU14207AHPA1) (aerial part); Lane 5(5µl) (AU29006TA2) (aerial part) Hoodia gordonii authenticated by macroscopic, microscopic &/or TLC studies according to the reference source cited below, and matching the voucher specimen (AU20604AP) held at Alkemists Pharmaceuticals, Costa Mesa, CA.  
Examiner: SSS 6160  
Sample Prep: shk + snt measure 1 ml exactly vol , SPE clean up for glycerin removal, QS to 2.5mL MeOH exactly  
Stationary Phase: Silica gel 60, F<sub>254</sub>, 10 x 10 cm HPTLC plates  
Mobile Phase: ethyl acetate: methanol: water [7.7/1.7/1]  
Detection: (1) Vanillin/H<sub>2</sub>SO<sub>4</sub> Reagent → 110° C 5 min → visible light  
(2) Vanillin/H<sub>2</sub>SO<sub>4</sub> Reagent → 110° C 5 min → UV 365 nm  
Reference Std: Lanes 1(3µl) and 8(3µl) Sitosterol (19285-541, Chromadex) ~0.1% in CH<sub>3</sub>OH  
Reference Source: Method Developed by Alkemists Pharmaceuticals

**Comments & Conclusions:** Yellow line = sample origin @ 10mm, red line = solvent front @ 70mm. Lane 7 is the test sample ("HoodiThin" (7R20 EXP 05/11)). Lanes 4, 5 are the authenticated reference samples used for comparison. As per the reference cited above & the reference samples used for comparison, this test sample is characteristic of a blend containing an extract derived from Hoodia gordonii. The chromatographic profile demonstrated above indicates the presence of Hoodia gordonii aerial part liquid extract in "HoodiThin blend (7R20 EXP 05/11)".

Authorized by: Sidney Sudberg, Director, Alkemists Pharmaceuticals

Report Date: 5/19/2008

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report is for the exclusive use of the party who requested the report and not for public dissemination or use by third parties, including for promotional purposes, without the prior written permission of Alkemists Pharmaceuticals, Inc. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented or abstracted in any manner. Any violation of these conditions renders the report and its results void.  
© 2008 Alkemists Pharmaceuticals, Inc. All Rights Reserved