

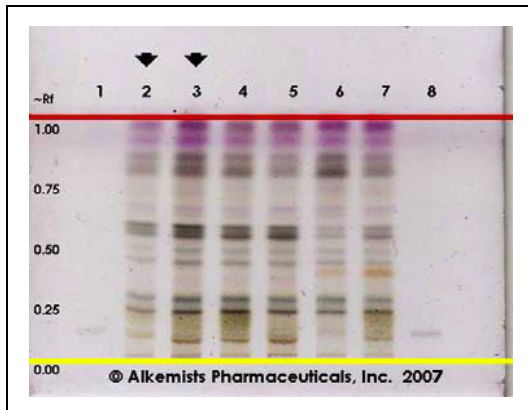
Certificate Issued To:  
Pure Slim Unit 1  
New Mill Lane, Finchampstead  
Reading RG40 4QT  
UK



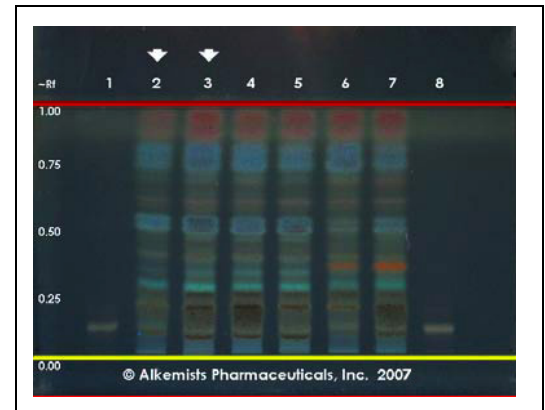
Work performed at:  
**Alkemists Pharmaceuticals**  
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Costa Mesa, CA 92626  
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**Certificate of Analysis: Hoodia (HGP/07-01-200/548)**  
High Performance Thin-Layer Chromatography with Photo-Documentation

1



2



Company Name: Pure Slim  
Title: Hoodia  
Plant Part: aerial part  
Sample Received: 6/4/2007  
Sample Description: ~30 grams in a plastic jar  
Form of Botanical: crude plant powder  
Appearance: beige powder  
Lot #: (HGP/07-01-200/548) → Lanes 2(2µl), 3(2µl)  
Sample #: AU4580GERT  
Latin Name: Hoodia gordonii (Masson) Sweet ex Decne  
Reference Sample #: Lane 4(3µl) (AU11805MHS1) (aerial part); Lane 5(3µl) (AU2190605B1) (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  
Sample Prep: 0.3 g + 3 ml CH<sub>3</sub>OH sonicated + heated in a dry block incubator @ 65° C ~ 1 hr.  
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) Aescin (93H1029, Sigma-Aldrich) ~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 @ 60mm. Lanes 2, 3 are the test sample Hoodia gordonii (HGP/07-01-200/548). Lanes 4, 5 are the authenticated reference samples used for comparisons as per the reference cited above & the reference samples used for comparison, this test sample is characteristic of Hoodia gordonii. **The chromatographic profile demonstrated above confirms the identity of Hoodia (HGP/07-01-200/548).**

Authorized by: Sidney Sudberg, Director, Alkemists Pharmaceuticals

Report Date: 06/14/2007

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and this laboratory, this report is submitted and accepted for the exclusive use of the client whom it is addressed and upon the condition that it is **NOT** to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from this laboratory.  
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