

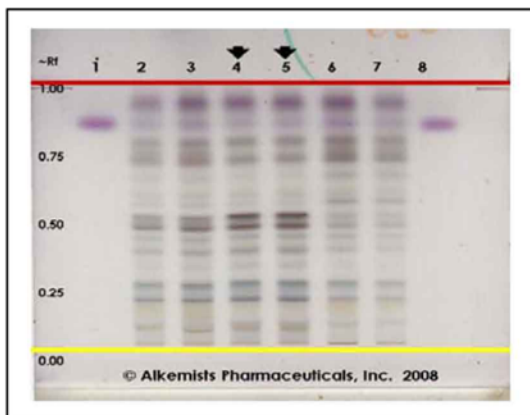
Certificate Issued To:
Pure Slim Limited
Sandy Farm Business Centre
The Sands, Franham
Surrey, GU10 1PX
United Kingdom



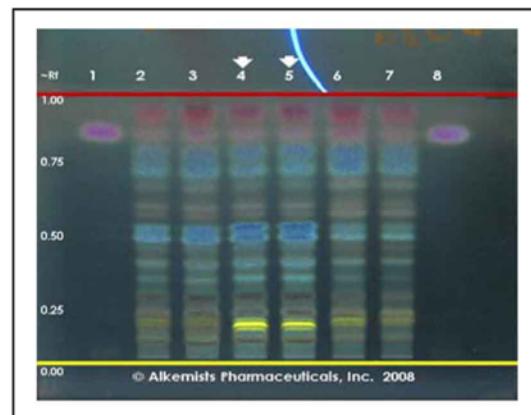
Work performed at:
Alkemists Pharmaceuticals
 1260 Logan Ave B3
 Costa Mesa, CA 92626
 714-754-HERB (4372)
 714-668-9972 (FAX)
 E-mail: info@alkemist.com
 Web Site: www.alkemist.com

Certificate of Analysis 2 of 3: Hoodia gordonii (BFS070807)
High Performance Thin-Layer Chromatography with Photo-Documentation

1



2



Company Name: Pure Slim
 Title: Hoodia gordonii
 Plant Part: aerial part
 Sample Received: 3/20/2010
 Sample Description: ~25g in plastic bags (2 bags)
 Form of Botanical: crude plant powder
 Appearance: light brown to tan powder
 Source: n/a
 Lot #: (BFS070807) → Lanes 4(5µl), 5(5µl)
 Sample #: AU22508MED
 Latin Name: Hoodia gordonii (Masson) Sweet ex Decne
 Reference Sample #: Lanes 2(3µl), 3(5µl) (AU14207AHPA1) (aerial part); Lanes 6(5µl), 7(3µl) (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 6808
 Sample Prep: 0.25g exactly + 5ml CH₃OH sonicated + heated @ 50° C ~ 1 hr.
 Stationary Phase: Silica gel 60, F₂₅₄, 10 x 10 cm HPTLC plates
 Mobile Phase: ethyl acetate: methanol: water [7.7/1.7/1]
 Detection: (1) Vanillin/H₂SO₄ Reagent → 110° C 5 min → visible light
 (2) Vanillin/H₂SO₄ Reagent → 110° C 5 min → UV 365 nm

Reference Std: Lanes 1(3µl) and 8(3µl) Sitosterol (19285-541, Chromadex) ~0.1% in CH₃OH
 Reference Source: Method Developed by Alkemists Pharmaceuticals

Comments & Conclusions: Yellow line = sample origin @ 10mm, red line = solvent front @ 70mm. Lanes 4, 5 are the test sample Hoodia gordonii (BFS070807). Lanes 2, 3, 6, 7 are the authenticated reference samples used for comparison. **This test sample, Hoodia gordonii (BFS070807), is consistent with the chromatographic profile of the reference samples of Hoodia gordonii used above. This test sample, Hoodia gordonii (BFS070807) is characteristic of Hoodia gordonii aerial part.**

Authorized by: Sidney Sudberg, Director, Alkemists Pharmaceuticals

Report Date: 3/20/2010

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