

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

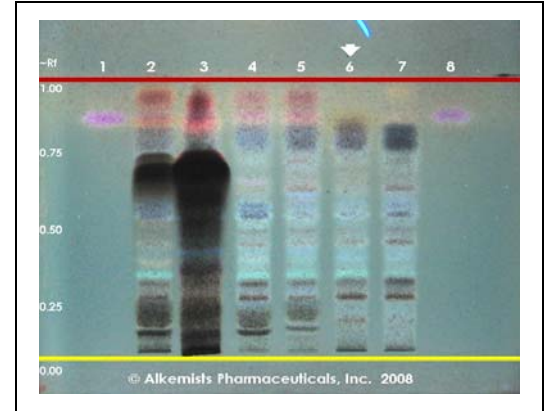
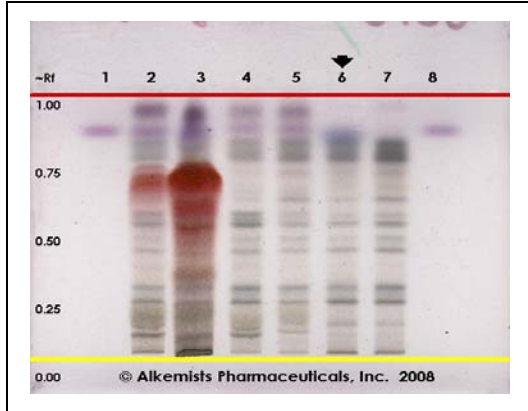


Work performed at:
Alkemists Pharmaceuticals
1260 Logan Ave B3
Costa Mesa, CA 92626
714-754-HERB (4372)
714-668-9972 (FAX)
E-mail: info@alkemist.com
Web Site: www.alkemist.com

Certificate of Random Analysis 2 of 2: "HoodiSpray" (7T29 06/12)
High Performance Thin-Layer Chromatography with Photo-Documentation

1

2



Company Name: Prime Life Nutraceuticals, Inc.
Title: "HoodiSpray"
Plant Part: aerial part
Sample Received: 5/2/2008
Sample Description: 1oz in a sealed spray bottle
Form of Botanical: liquid extract
Appearance: dark liquid
Source: n/a
Lot #: (7T29 06/12) → Lane 6(5µl)
Sample #: AU12308PLN2
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 + snct measure 1 ml exactly vol, SPE clean up for glycerin removal, QS to 2.5mL MeOH exactly
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. Lane 6 is the test sample "HoodiSpray" (7T29 06/12). 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 "HoodiSpray" blend (7T29 06/12).

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