

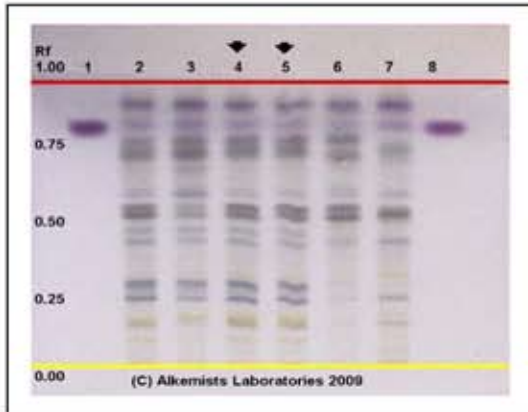
Certificate Issued To:
Strictly Health



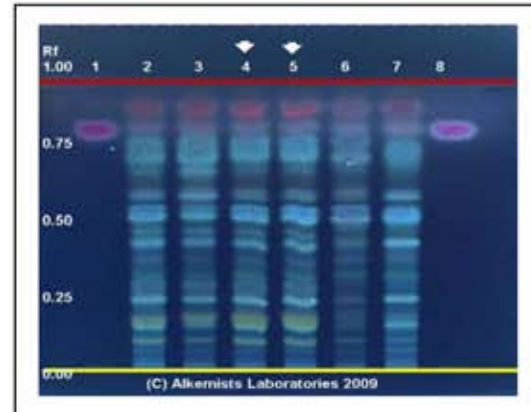
Work performed at:
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Certificate of Analysis 2 of 3: Hoodia gordonii (0315E9)
High Performance Thin-Layer Chromatography with Photo-Documentation

1



2



Company Name:

Strictly Health

Title:

Hoodia gordonii

Plant Part:

aerial part

Sample Received:

2/10/2010

Sample Description:

white plastic bottle

Form of Botanical:

crude plant powder

Appearance:

powder

Source/Location:

n/a/na

Lot #:

(0315E9) → Lanes 4(4μl), 5(4μl)

Sample #:

AU04110FMG

Latin Name:

Hoodia gordonii (Masson) Sweet ex Decne

Reference Sample #:

Lane 2(4μl) (AU14207AHPA1) Hoodia gordonii (aerial part); Lane 3(4μl) (AU29006TA2) Hoodia gordonii (aerial part); Lane 6(4μl) (AFH15606AHP) Hoodia currorii (aerial part); Lane 7(4μl) (AFG15606AHP1) Hoodia parviflora (aerial part) 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.

Analyst:

B. Fine & SS Sudberg 12196

Sample Prep:

0.25g exactly + 5ml CH₃OH sonicated + heated @ 50° C ~ 1/2 hr

Stationary Phase:

Silica gel 60, F₂₅₄, 10 x 10 cm HPTLC plates

Mobile Phase:

ethyl acetate: methanol: water

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

SOP-700-0001-R3

Comments & Conclusions: Yellow line = sample origin @ 10mm, red line = solvent front @ 70mm. Lanes 4, 5 are the test sample Hoodia gordonii (0315E9). Lanes 2, 3, 6, 7 are the authenticated reference samples used for comparison. **This test sample, Hoodia gordonii (0315E9), is consistent with the chromatographic profile of the reference samples of Hoodia gordonii used above. This test sample, Hoodia gordonii (0315E9) is characteristic of Hoodia gordonii aerial part.**

Examined, Reviewed & Authorized by: Sidney Sudberg, Director, Alkemists Labs

Elan Sudberg

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o=Alkemists Pharmaceuticals,
c=US
Date: 2010.02.24 12:22:58 -0800

Date: 2/15/2010

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