

Certificate Issued To:
Superman Herbs
2800 S. Rodeo Gulch Dr Unit G
Soquel, CA 95073
USA

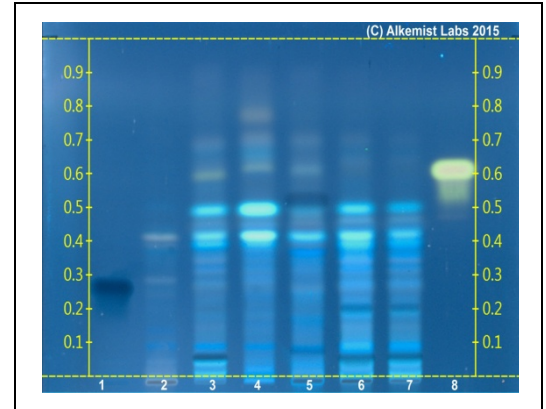
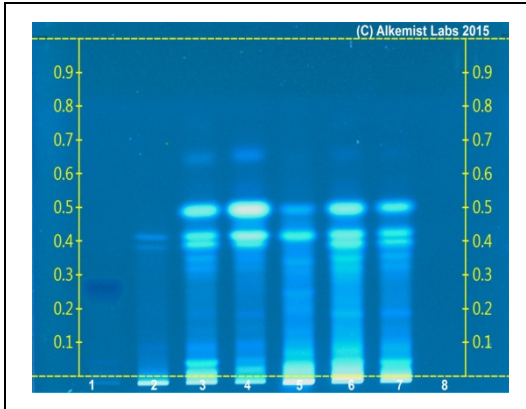


Work performed at:
Alkemist Labs
1260 Logan Ave B2
Costa Mesa, CA 92626
714-754-HERB (4372)
714-668-9972 (FAX)
E-mail: sales@alkemist.com
Web Site: www.alkemist.com

Certificate of Analysis: Shilajit Powder (SP02)
High Performance Thin-Layer Chromatography with Photo-Documentation

1

2



Company Name: Superman Herbs
Title: Shilajit Powder
Sample Received: 11/19/2015
Sample Description: Foil Pouch
Form of Botanical: powdered extract
Appearance: light sensitive foil pouch
Lot : (SP02) → Lane 5(3μl)
Sample : RQ32315SUP2_1
Latin Name: Asphaltum sp.
Reference Sample : Lane 2(3μl) (RQ31608BSN) Asphaltum sp. (); Lane 3(3μl) (RQ21115AHP1) Asphaltum sp. (resin); Lane 6(4μl) (RQ21115AHP1) Asphaltum sp. (resin); Lane 7(2μl) (RQ21115AHP1) Asphaltum sp. (resin); held at Alkemist Labs, Costa Mesa, CA.
Analyst: N. Hoang, L. Scott, P. Fast, T. Collins 62942
Sample Prep: 0.3g+3mL CH₃OH sonicate/heat @-50° C ~ 1/2 hr.
Stationary Phase: Silica gel 60, F₂₅₄, HPTLC plates
Mobile Phase: toluene: ethyl formate: HCOOH [5/4/1]
Detection: (1) UV 365 nm
(2) 10% Ethanolic H₂SO₄ → 120° C 10 min → UV 365 nm
Reference Std: Lane 8(3μl) Ursolic Acid (BCBM9640V, SigAl), Reagent Alcohol (032315D, VWR); Lane 1(3μl) Gallic Acid (071M0031V, SigAl), Methanol (070914C, VWR) ~0.1%
Reference Source: Method Developed by Alkemist Labs
IDT-SOP-72-01

Comments & Conclusions: Lane 5 is the test sample Shilajit Powder (SP02). Lanes 2, 3, 6, 7 are the reference samples used for comparison. This test sample, Shilajit Powder (SP02), is consistent with the chromatographic profile of the reference samples of Asphaltum sp. used above. **This test sample, Shilajit Powder (SP02) is characteristic of a customized extract derived from Asphaltum sp.**

NOTE: The above conclusion may be a function of the natural variance found in botanicals &/or the extraction process used to create specific extracts. The growing and drying conditions, age, seasonal variations, geographic location, extraction solvents, etc. all play a role in the phytochemical fingerprint of botanicals as well as their extracts; hence, chromatographic variations are expected.

Examined, Reviewed & Authorized by: Sidney Sudberg, CSO, Alkemist Labs

Report Date: 11/30/2015

Note: Any unidentified lanes in the above chromatograms are confidential and may represent internal studies or other test samples not related to SP02. 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 Alkemist 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. © 2015 Alkemist Labs, Inc. All Rights Reserved