

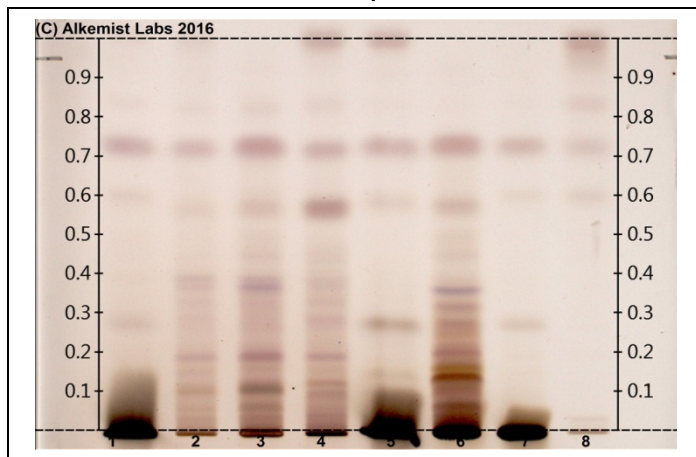
Certificate Issued To:
Superman Herbs
2800 S. Rodeo Gulch Dr Unit G
Soquel, CA 95073
USA



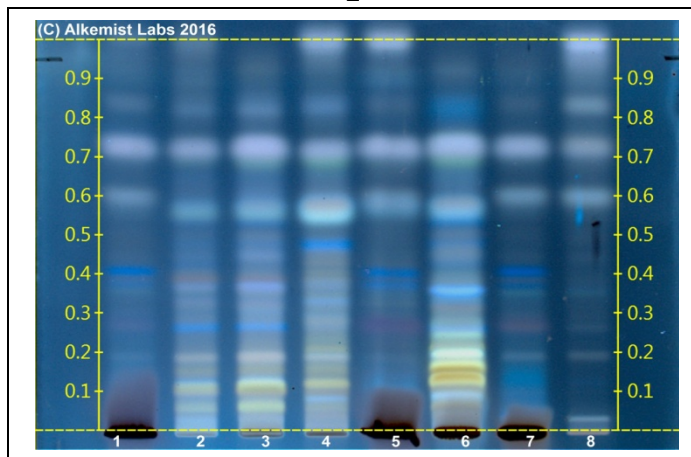
Work performed at:
Alkemist Labs
1260 Logan Ave B2
Costa Mesa, CA 92626
714-754-HERB (4372)
714-668-9972 (FAX)
sales@alkemist.com
www.alkemist.com

Certificate of Analysis: Reishi (RNA-1115)
High Performance Thin-Layer Chromatography with Photo-Documentation

1



2



Company Name: Superman Herbs
Title: Reishi
Plant Part: fruiting body
Sample Received: 3/16/2016
Sample Description: Clear Reclosable Plastic Bag
Form of Botanical: powdered extract
Appearance: dark brown fine powder
Lot: (RNA-1115) → Lane 6(4μl)
Sample: H07616SUP_1
Latin Name: Ganoderma lucidum (Curtis: Fr.) P. Karst. [Ganodermataceae]
Reference Sample: Lane 1(8μl) (H10113FPM1) Ganoderma lucidum (mycelia); Lane 2(8μl) (H30113AHP1) Ganoderma lucidum (fruiting body); Lane 3(8μl) (H10113FPM2) Ganoderma lucidum (fruiting body); Lane 7(8μl) (H10113FPM1) Ganoderma lucidum (mycelia); Lane 8(8μl) (GT12113NAMX1) Oryza sativa (grain); held at Alkemist Labs, Costa Mesa, CA.
Analyst: N. Hoang, L. Scott, P. Fast, T. Collins 67392
Sample Prep: 0.3g+3mL 70% grain EtOH sonicate/heat @-50° C ~ 1/2 hr
Stationary Phase: Silica gel 60, F₂₅₄, HPTLC plates
Mobile Phase: toluene: ethyl formate: HCOOH [5/5/0.2]
Detection: (1) 10% Ethanolic H₂SO₄ → 120° C 10 min → visible light
(2) 10% Ethanolic H₂SO₄ → 120° C 10 min → UV 365 nm
Reference Source: BTM-715-0126 R1
IDT-SOP-72-01

Comments & Conclusions: Lane 6 is the test sample Reishi (RNA-1115). Lanes 1, 2, 3, 7, 8 are the reference samples used for comparison. This test sample, Reishi (RNA-1115), is consistent with the chromatographic profile of the reference sample of Ganoderma lucidum (Curtis: Fr.) P. Karst. [Ganodermataceae], used above. **This test sample, Reishi (RNA-1115) has characteristics of an extract derived from Ganoderma lucidum (Curtis: Fr.) P. Karst. [Ganodermataceae] fruiting body.**

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: Sandy Sudberg, Senior Data Analyst, Alkemist Labs

Report Date: 3/23/2016



Note: Any unidentified lanes in the above chromatograms are confidential and may represent internal studies or other test samples not related to RNA-1115. 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 Labs, 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. © 2016 Alkemist Labs, Inc. All Rights Reserved