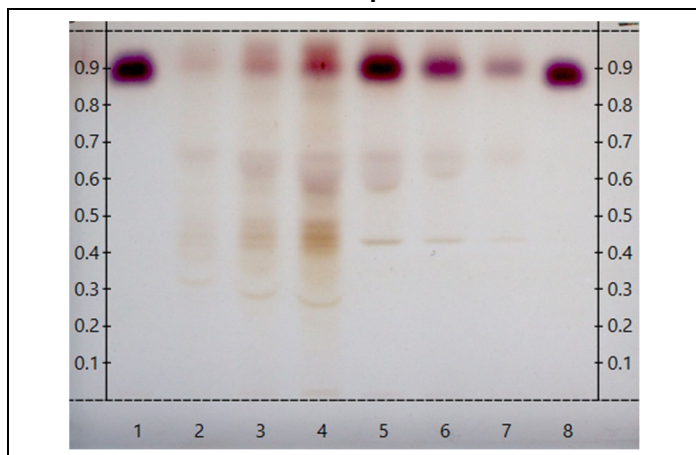
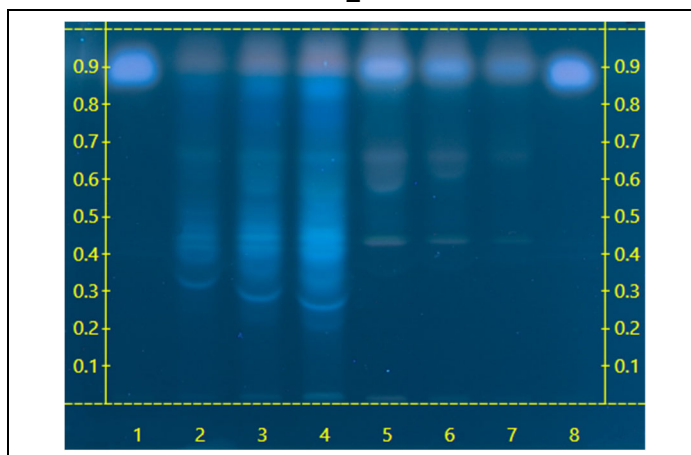


Certificate Issued To:

Xi'an Sost Biotech Co., Ltd.

18F TowerB, High-tech Modern City Building
Zhangba 5th Road, Xian, China, 710075

Work performed at:

Alkemist Labs12661 Hoover Street
Garden Grove, CA 92841
714-754-HERB (4372)
714-668-9972 (FAX)
Sales@Alkemist.com
www.Alkemist.com**Certificate of Analysis: Velvet Deer Antler/ Brown Yellow Fine Powder (SOST-LRS2022223-2)****High Performance Thin-Layer Chromatography with Photo-Documentation****1****2**

Company Name: Xi'an Sost Biotech Co., Ltd.
 Title: Velvet Deer Antler Extract/ Brown Yellow Fine Powder
 Plant Part: na
 Sample Received: 03/02/23
 Sample Packaging: Specimen Cup
 Form of Botanical: powder
 Appearance: Fine medium brown powder
 Source Location: SOST Biological Science & Technology
 Lot Number: (SOST-LRS20221223-2) → Lanes 2(2μl), 3(5μl), 4(10μl)
 Sample: 22061AGM_1
 Latin Name: Cornu Cervus nippon Temminck
 Reference Sample: Lanes 5(10μl), 6(5μl), 7(2μl) Cornu Cervus nippon Temminck (21071FHK, Reference Material vendor supplied reference sample, na); held at Alkemist Labs, Garden Grove, CA.
 Analyst: J.Mares, K.Chopra, K.Montoya, K.Tran, M.Levine, N.Carson, N.Hoang, N.Afendikova, P.Hoang, S. Kabbaj, S.Sudberg, T.Louis, D.Robinson 179672
 Sample Preparation: 0.5g+5mL 100% grain ethanol, sonicate/heat at 50°C for 30 min, evap with Nitrogen Gas, QS with 1mL 100% grain ethanol
 Stationary Phase: Silica gel 60, HPTLC plates
 Mobile Phase: n-Butanol: Pyridine: Ammonia: Water [3.9/3.4/1/2.6]
 Detection: (1) 10% Sulfuric, 100°C, 2min, Vis (Reich, E., 2007)
 (2) 10% Sulfuric, 100°C, 2min, 366nm (Reich, E., 2007)
 Reference Standard: Lanes 1(3μl) and 8(3μl) β-Sitosterol (0925/0, XSYN), Methanol (0000245307, BDH)
 Reference Source: Chem. Pharm. Bull. 47(1) 123—127 (1999)
 IDT-SOP-72-01

Comments & Conclusions: Lanes 2, 3, 4 are the test sample Velvet Deer Antler/ Brown Yellow Fine Powder (SOST-LRS20211223-2) Lanes 5, 6, 7 are the reference samples used for comparison. This test sample, Velvet Deer Antler Extract/ Brown Yellow Powder (SOST-LRS20211223-2), is consistent with the chromatographic profile of the reference samples used above. **This test sample Velvet Deer Antler/ Brown Yellow Fine Powder (SOST-LRS20211223-2), is characteristic of vendor supplied reference sample Cornu Cervus nippon Temminck (Reference Material).**
OOS report generated for this sample. Reference# 22061AGM_1: OOS-TLC-2022-1359.

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: Syhem W Kabbaj, HPTLC Production Supervisor, Alkemist Labs

Syhem Kabbaj
HPTLC Production SupervisorDigitally signed by
Syhem Kabbaj
Date: 2022.07.15
14:38:58 -07'00'

Report Date: 07/13/22

ISO/IEC 17025



Note: Any unidentified lanes in the above chromatograms are confidential and may represent internal studies or other test samples not related to SOST-LRS20211223-2. 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. © 2022 Alkemist Labs, Inc. All Rights Reserved