

Report Issued To:



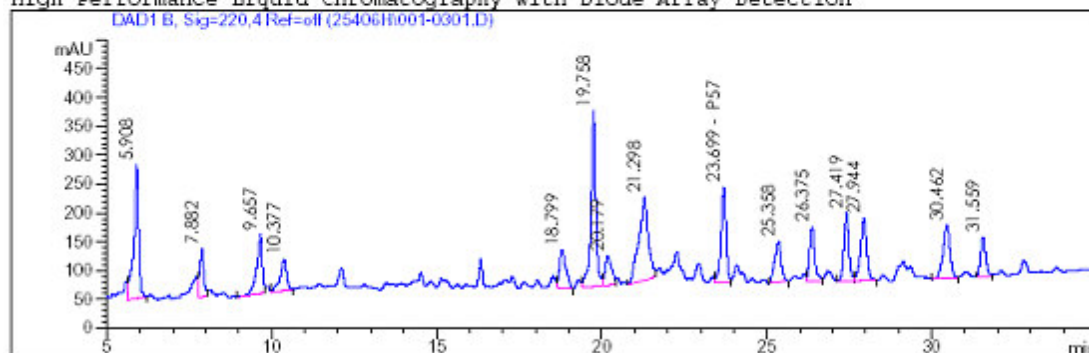
Work performed by:
Alkemists Pharmaceuticals, Inc.
Natural Product Consulting
and Quality Control
1260 Logan Av, #B3
Costa Mesa, CA 92626
714-754-HERB (4372)
714-668-9972 (FAX)
Web Site: www.alkemist.com

CERTIFICATE OF ANALYSIS 2 of 3

Fingerprint Analysis of Hoodia Species for Identity & Purity.
Determination of Relative P57 Content

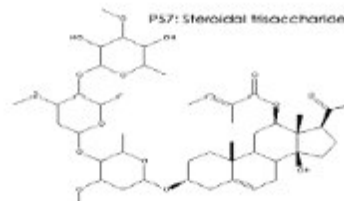
->

High Performance Liquid Chromatography with Diode Array Detection



Test Sample: Hoodia gordonii aerial parts -- Lot #: 060814 -->AU24306MHS

Ret. Time	Compound Name	weight %
23.699	P57	0.34



Chromatographic Conditions:

Method : Hoodia AOAC.M
Sequence : 25406H.S
HPLC Column : Gemini 5µ C18 150 X 4.6mm
Flow Rate : 1.0 mL/min
Injection : 25 µL
UV Detection : 220nm
Column Temp : 35° C
Mobile Phase A: Water + 0.1% Acetic acid
Mobile Phase B: ACN + 0.1% Acetic Acid
Gradient: t=0 80% A 20% B
t=35min 100% B

Sample Preparation: 0.2g of test sample + 4.0 mL MeOH sonicated for 30 min, heated for 20 min in a dry block incubator then filtered into HPLC vial.

Reference Analyte: P57, Source-University of Mississippi, Lot# 07/17/06

Reference Material: AU21906DBL, Hoodia gordonii vouchered specimen.

References: I.Khan et al., Journal of AOAC Int'l, Vol 89, No 3, p 606, 2006

Conclusion: The chromatographic profile above is consistent with voucher specimens of Hoodia gordonii aerial parts and detects the presence of P57 analyte in this test sample.

Analysis Date: 9/11/2006 Analyzed by: SS/CV Authorized by: S. Sudberg, Director

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of other similar products. This report is for the exclusive use of the party who requested the report and not for public dissemination 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, copied, reprinted or abstracted in any manner. Any violation of these conditions renders the report and its results void.
© 2006 Alkemists Pharmaceuticals, Inc. All Rights Reserved