

Report Issued To:  
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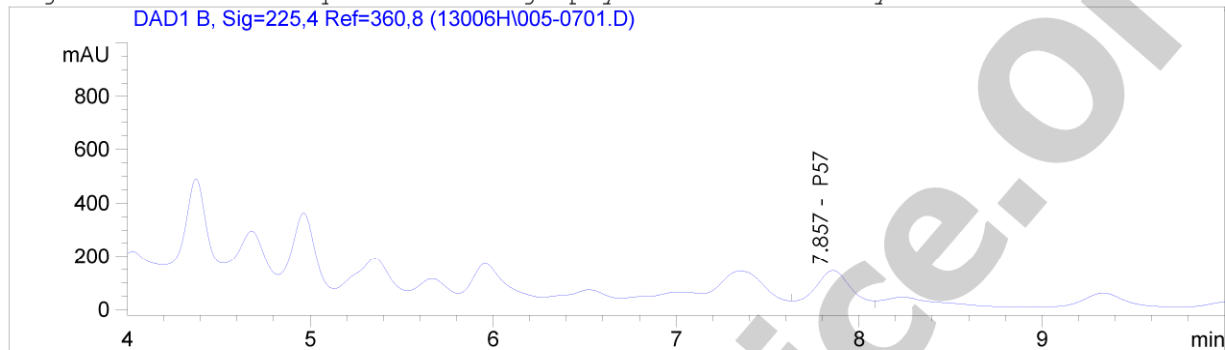
**\*\*Certificate of Analysis\*\* 2 of 3**

Assay for:

Hoodia gordonii Qualitative Analysis for Identity & Purity;  
Qualitative Analysis of P57

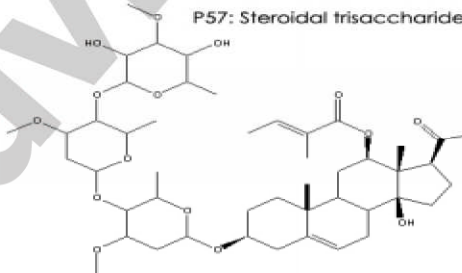
Hoodia gordonii: (Lot# 6796 EXP AL 2009)

High Performance Liquid Chromatography with Diode Array Detection



Sample : Hoodia gordonii herb  
Sample #: AU12806MHS2

Ret. Time	Compound Name	Weight %
7.857	P57	0.20



Method	: HoodiaC18D.M	Sequence	: 13006H.S
HPLC column	: Gemini 5 $\mu$ C18 250 X 4.6mm	Flow rate	: 1.0 mL/min
Mobile Phase A:	Water	UV detection	: 225nm
Mobile Phase B:	ACN	Injection	: 25 $\mu$ L
Isocratic:	30% A 70% B	Column Temperature:	30° C

Sample Preparation: 0.3g sample + 3 mL MeOH, sonicated 20 min, heated 20 min @ 60° C & filtered into HPLC vial.

Reference standard: P57, Lot # 16001-1247; Chromadex, Santa Ana, CA.

References: US Patent # US6,376,657 B1 Van Heerden et al.

Comments & Conclusions: The chromatographic profile demonstrated above is characteristic of Hoodia gordonii & confirms the presence of P57 in this test sample (6796 EXP AL 2009).

Analysis Date: 5/10/2006

Analyzed by: SS/JT

Authorized by: Sidney Sudberg, Director

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