

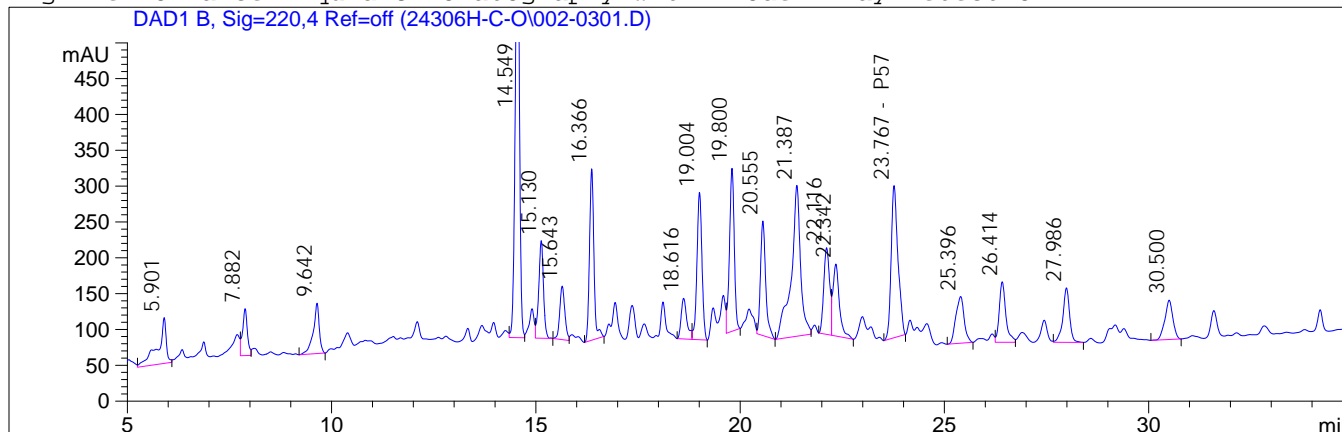


\*\*CERTIFICATE OF ANALYSIS 2 of 3\*\*

Fingerprint Analysis of Hoodia species for Identity & Purity.  
Determination of P57 content

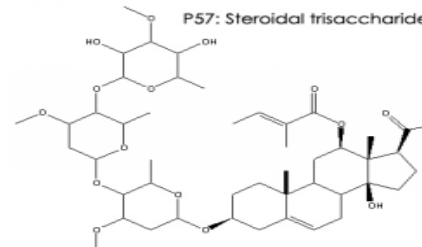
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High Performance Liquid Chromatography with Diode Array Detection



Test Sample: Hoodia gordonii, Lot#: 72708 Exp0808 ->AU24006DBL

Ret. Time	Compound Name	weight %
23.767	P57	0.47



Chromatographic Conditions:

Method : Hoodia\_AOAC.M  
Sequence : 24306H-C-O.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 fully consistent with the voucher specimen of Hoodia gordonii aerial parts and detects the presence of P57 analyte in this test sample.

Analysis Date:8/31/2006

Analyzed by: SS/CV

Authorized by: S. Sudberg, Director

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