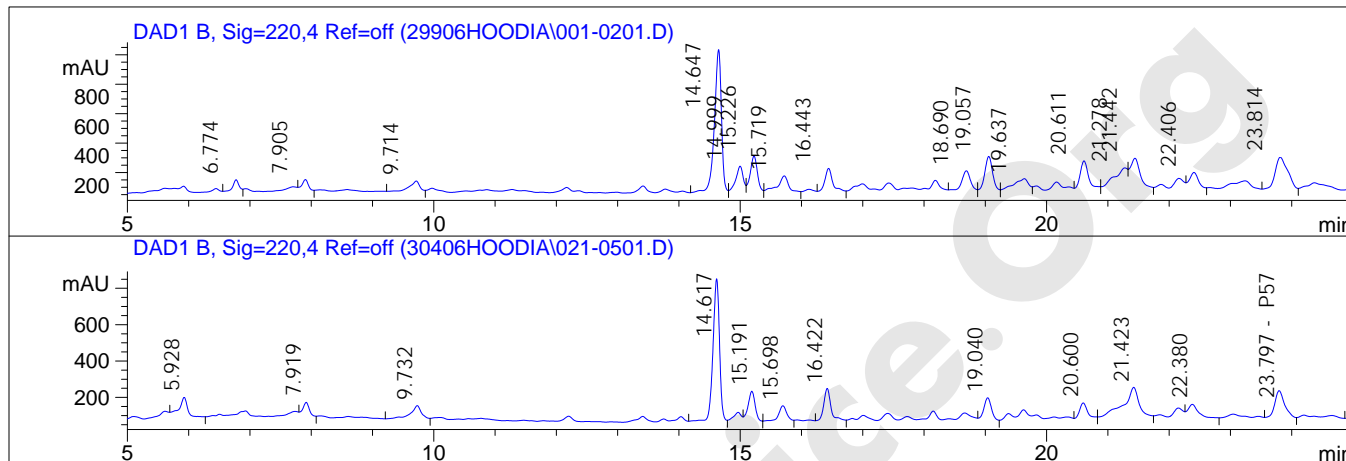




****CERTIFICATE OF ANALYSIS 2 of 2****

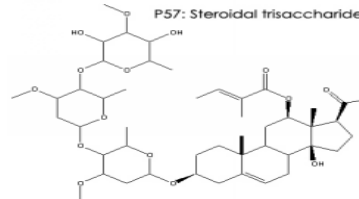
Fingerprint analysis of Hoodia gordonii for identity & purity

High Performance Liquid Chromatography with Diode Array Detection



- 1- Chromatogram of Reference Material: Hoodia gordonii aerial parts - Voucher specimen WIND 50986.0, AP #AU21906DBL
 - 2- Chromatogram of Test Sample: "Hoodia Hoodia" - Capsules of Hoodia gordonii Lot #060814 EXP9-2010, AP #AU30406MHS
- Reference analyte: steroidal glycoside P57 - Source: Univ. of Mississippi, Lot#07/17/06

Ret. Time	Compound Name	weight %
23.797	P57	0.31



Chromatographic Conditions:

Method : Hoodia_AOAC.M
 Sequence : 30406H.S
 HPLC Column : Gemini 5µ C18 150 X 4.6mm
 Flow Rate : 1.0 mL/min
 Injection : 25 µL
 Column Temp : 35° C
 UV Detection : 220nm

Mobile Phase C: Water + 0.1% Acetic acid
 Mobile Phase D: ACN + 0.1% Acetic Acid
 Gradient: Time C D
 t=0 80% 20%
 t=35min - 100%

Sample Preparation: 0.2g of test sample + 4.0 mL MeOH sonicated for 30 min, heated for 1h @ 60C in a dry block incubator then filtered into HPLC vial.

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

Conclusion: Chromatogram #2 (test sample) is consistent with chromatographic fingerprint #1 (voucher specimen of Hoodia gordonii). The peak of reference analyte P57 can be detected.

Analysis Date:10/31/2006 Analyzed by CV Authorized by S. Sudberg, Director

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