

Report Issued To:
Millennium Health Supplements
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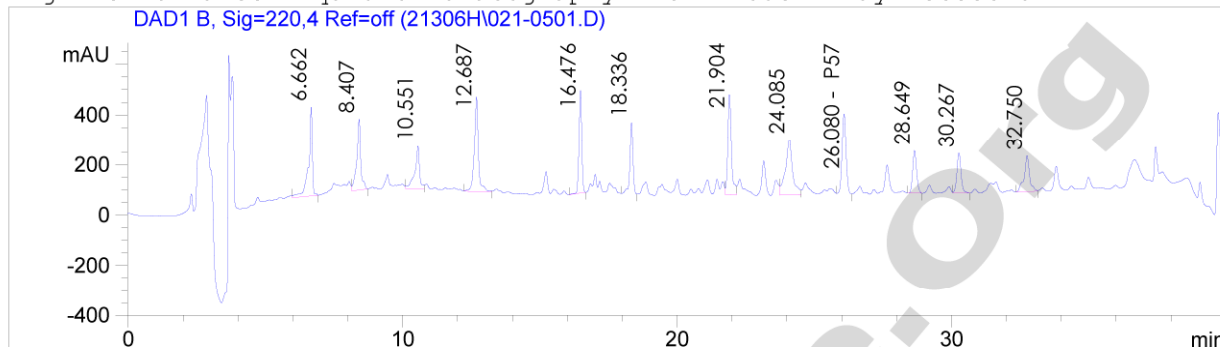
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****CERTIFICATE OF ANALYSIS 2 of 3****

Fingerprint Analysis of Hoodia gordonii for Identity & Purity.
Qualitative determination of P57 content

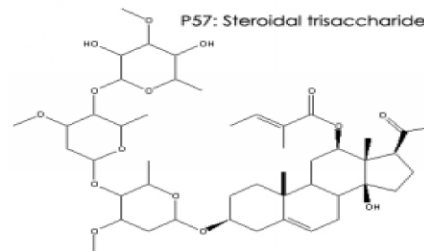
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High Performance Liquid Chromatography with Diode Array Detection



Test Sample:Hoodia gordonii herb -- Lot #6902 Exp JL 2009 ->AU21206MHS

Ret. Time	Compound Name	weight %
26.080	P57	0.46



Chromatographic Conditions:

Method : Hoodia.M
Sequence : 21306H.S
HPLC Column : Gemini 5µ C18 250 X 4.6mm
Flow Rate : 1.0 mL/min
Injection : 25 µL
UV Detection : 220nm
Column Temp : 30° 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: 0.3g of test sample + 3.0 mL MeOH sonicated for 30 min, heated for 20 min in a dry block incubator then filtered into HPLC vial.
Reference Analyte: P57, Lot # 16001-1247; Chromadex, Santa Ana, CA.
Reference Material: AU15606AHP1, 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 characteristic of Hoodia gordonii herb & can detect the presence of P57 in the test sample (Lot #6902 Exp JL 2009).

Analysis Date : 8/1/2006
Analyzed by : SS/CV
Authorized by : Sidney Sudberg, Director

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