



HPLC Method

Agilent HP1100 HPLC System

Column: Gemini C18 column (4.6 mm x 250 mm, 5 µm)

Mobile phase A: water containing 0.025% v/v trifluoroacetic acid

Mobile phase B: ACN containing 0.025% v/v trifluoroacetic acid

Flow rate = 1.0 ml/min

Detection = diode-array detector at 220 nm, bandwidth 8 nm.

Gradient elution: 0 min, 85% A:15% B to 10% A:90% B over next 80 min.

Each run was followed by a 5 min wash with 100% ACN and equilibration time of 15 minutes.

Reference:

B. Avula, Y.H. Wang, R.S. Pawar, Y.J. Shukla, I.A. Khan (**2007 in press**),
Chemical Fingerprinting of *Hoodia* Species and Related Genera: Chemical
analysis of Oxypregnane Glycosides using HPLC with UV Detection in *Hoodia
gordinii*. 1-14.

Figure 2. HPLC assay for oxypregnane glycosides indicative of *Hoodia gordonii*.