



**Summary of Analysis: Hoodia gordonii Customer's sample XX**

**Fig.1: UV-366 nm :Treated with Vanillin / Sulfuric acid**



**Fig.2: Visible light :Treated with Vanillin / Sulfuric acid**



**Sample preparation :** 1 g powdered Hoodia, added 10 ml 100 % methanol, heated at 65 °C for 60 min. Cooled at room temperature, filtered through 0,45 µm.

**Reference :** Hoodia, *Hoodia gordonii*

**Lot :** AU21104 AUTH-BRU ( authenticated by alkemist )

Lane 1 (2µl), 2 (3µl), 3 (4µl),4 (5µl)

**Customer Sample :** Sample xx

Lane 5 (2 µl), 6 (3µl), 7 (4µl), 8 (5µl)

**Naturex samples:** HoodiaPure™ 20:1,

149452 batch 198/49/A7

Lane 9 (2 µl), 10 (3µl), 11 (4µl), 12 (5µl)

149450 batch 117/60/A7

Lane 13 (2 µl), 14 (3µl), 15 (4µl), 16 (5µl)

**Stationary Phase :** HPTLC plates silica gel 60 <sub>F254</sub>, Samples were applied using Camag TLC Sampler 4.

**Mobile phase :** Ethyl acetate / Methanol / Water ( 77 : 17 : 10 )

**Detection:** Treated with Vanillin / Sulfuric acid

**Results & Conclusion:**

Lower red line = sample origin @ 10mm, upper red line = solvent front @ 100mm.

Figure 1&2 demonstrates characteristic band profile for Hoodia.

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