

Certificate Issued To:
**Millennium Health Supplements
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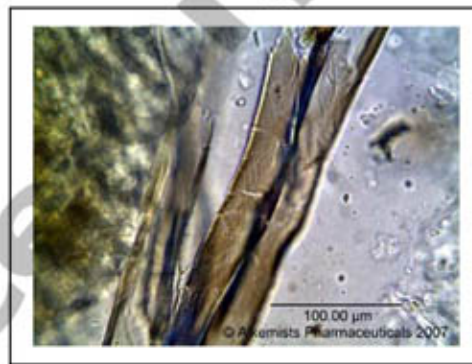
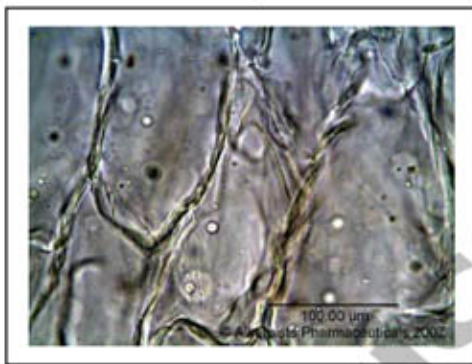
Certificate of Analysis 3 of 3: "Hoodia Hoodia" - aerial part (061215 EXP 1/2011)

Macroscopy & Microscopy with Digital Photo-Documentation

1

2

3



Company Name:	Millennium Health Supplements (Cda) Inc.
Title:	"Hoodia Hoodia" -
Plant Part:	aerial part
Sample Received:	3/12/2007
Sample Description:	400mg x 60 capsules in a sealed labeled bottle
Form of Botanical:	crude plant powder
Appearance:	(1) 60 capsules
Lot #:	061215 exp 1/2011
Sample #:	AU07107MHS1
Latin Name:	Hoodia gordonii (Masson) Sweet ex Decne
Reference Sample #:	AU21906DBL, AU29006TA2, AU20604AP, AU15606AHP2, AU30405TA1 Hoodia gordonii (Masson) Sweet ex Decne authenticated by macroscopic, microscopic &/or TLC studies according to the reference sources cited below held at Alkemists Pharmaceuticals, Costa Mesa, CA.
Examiner:	EMS
Magnification:	(2) 400X
Chemical Reagents:	(2) acidified chloral hydrate glycerol solution
Sample Findings:	(2) large thin walled parenchyma showing wrinkled cell walls
Magnification:	(2) 400X
Chemical Reagents:	(3) acidified chloral hydrate glycerol solution
Sample Findings:	(3) fiber showing whirled striations
Reference Source:	Method Developed by Alkemists Pharmaceuticals USP-PF, Vol. 27(2) [Mar.-Apr. 2001]; Official Methods of Analysis of AOAC, 16 th Ed.

Comments & Conclusions:

This sample is representative of Hoodia gordonii aerial part based on an authenticated reference samples and the consistent characteristic cellular structure of an aerial part as well as the references cited above. The characteristic cellular structures identified in this sample are the large thin walled parenchyma showing wrinkled cell walls seen in micrograph (2) above. In micrograph (3) we see the fiber showing whirled striations. **This test sample, "Hoodia Hoodia" - (061215 exp 1/2011), is consistent with the microscopic characteristics of the reference samples of Hoodia gordonii used above & is characteristic of Hoodia gordonii aerial part.**

Analyzed by: Élan M Sudberg
Authorized by: Sidney Sudberg, Director, Alkemists Pharmaceuticals

Report Date: 3/27/2007

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