

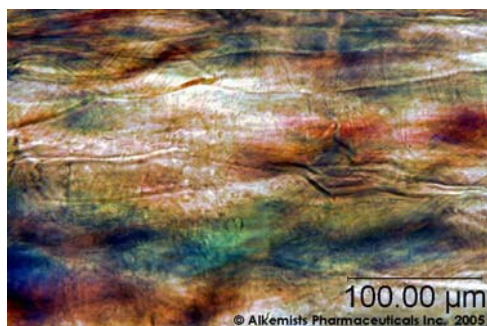
Certificate Issued To:
Bushman Hoodia
Unit 5 PatrysCrescent
Okavango Park, Brackenfell 7560
South Africa



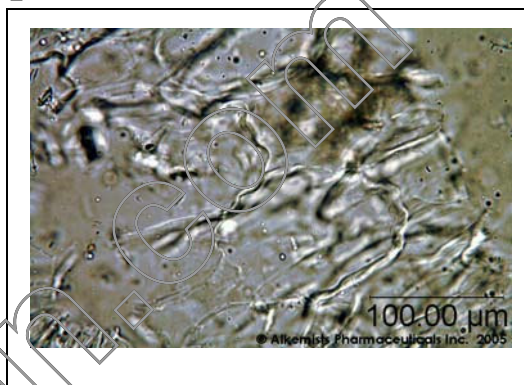
Work performed at:
Alkemists Pharmaceuticals Inc.
1260 Logan Ave B3
Costa Mesa, CA 92626
714-754-HERB (4372)
714-668-9972 (FAX)
E-mail: phytolab@alkemist.com
Web Site: www.alkemist.com

Certificate of Analysis: Hoodia gordonii (BH3009)
Microscopy with Digital Photo-Documentation

1



2



Company Name:	Bushman Hoodia
Title:	Hoodia gordonii
Plant Part:	aerial part
Sample Received:	11/28/2005
Sample Description:	~25 grams in a zip lock bag
Source:	N/A
Form of Botanical:	crude plant powder
Appearance:	light tan powder
Lot #:	BH3009
Sample #:	AU33205HB
Reference Sample #:	Voucher Specimen AU20604AP, AU19004PHX, AU11004CHR Hoodia gordonii authenticated by macroscopic, microscopic &/or TLC studies according to the reference sources cited below held at Alkemists Pharmaceuticals, Costa Mesa, CA.
Latin Name:	Hoodia gordonii
Examiner:	EMS
Magnification:	(1) 400X
Chemical Reagents:	(1) acidified chloral hydrate glycerol solution
Sample Findings:	(1) long fibers showing whirled striations
Magnification:	(2) 400X
Chemical Reagents:	(2) acidified chloral hydrate glycerol solution
Sample Findings:	(2) large thin walled parenchyma showing wrinkled cell walls
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 microscopic reference 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 long fibers showing whirled striations seen in micrograph (1) above & in micrograph (2) we see the large thin walled parenchyma showing wrinkled cell walls. **These characteristic cellular structures confirm the identity of Hoodia gordonii (BH3009).**

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

Report Date: 12/8/2005

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and this laboratory, this report is submitted and accepted for the exclusive use of the client whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from this laboratory.
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