

Certificate Issued To:  
Desert Burn Industries LLC.  
WWW.Desertburnindustries.com



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

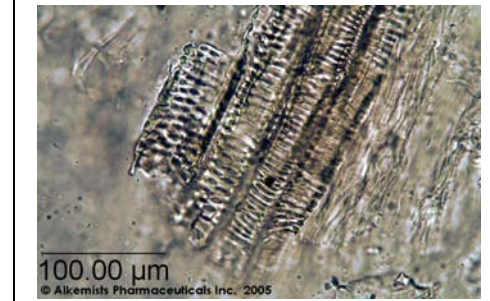
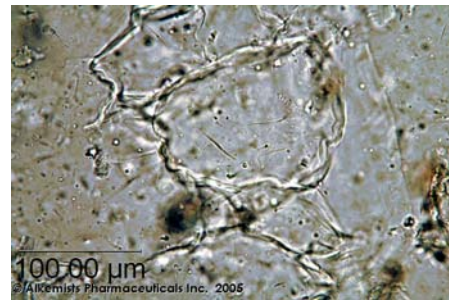
## Certificate of Analysis: Desert Burn ZA750 Hoodia gordonii (05051323)

Macroscopy & Microscopy with Digital Photo-Documentation

1

2

3



Company Name:	Desert Burn Industries LLC.
Title:	Desert Burn ZA750 Hoodia gordonii
Plant Part:	aerial part
Sample Received:	6/9/2005
Sample Description:	Sealed bottled with ~ 776 mg/capsule
Form of Botanical:	crude plant powder
Appearance:	(1) light tan powder
Source:	Desert Burn
Lot #:	05051323
Sample #:	AU16005DBL1
Latin Name:	Hoodia gordonii
Reference Sample #:	(Voucher Specimen AU20604UCLA), AU19004PHX, AU11004CHR Hoodia gordonii authenticated by macroscopic, microscopic &/or TLC studies according to the reference source cited below held at Alkemists Pharmaceuticals, Costa Mesa, CA.
Examiner:	EMS
Sample Findings:	(1) Image of the bottle submitted
Magnification:	(2) 400X
Chemical Reagents:	(2) acidified chloral hydrate glycerol solution
Sample Findings:	(2) large thin walled parenchyma showing wrinkled cell walls
Sample Prep:	(3) 400X
Chemical Reagents:	(3) acidified chloral hydrate glycerol solution
Sample Findings:	(3) extremely large reticulated vessels
Reference Source:	Method Developed by Alkemists Pharmaceuticals USP-PF, Vol. 27(2) [Mar.-Apr. 2001]; Official Methods of Analysis of AOAC, 16 <sup>th</sup> Ed.

### Comments & Conclusions:

This sample is representative of Hoodia gordonii aerial part based on 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 extremely large reticulated vessels. **These characteristic cellular structures confirm the identity of Hoodia gordonii (05051323).**

Analyzed by: Élan M Sudberg  
Authorized by: Sidney Sudberg

Report Date: 6/17/2005

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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