

Certificate Issued To:
Desert Burn Industries
1310 Dawsonville Hwy Suite D
Gainesville, GA 30501
USA



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

Certificate of Analysis 3 of 3: Hoodia (72708 Exp0808)

Macroscopy & Microscopy with Digital Photo-Documentation

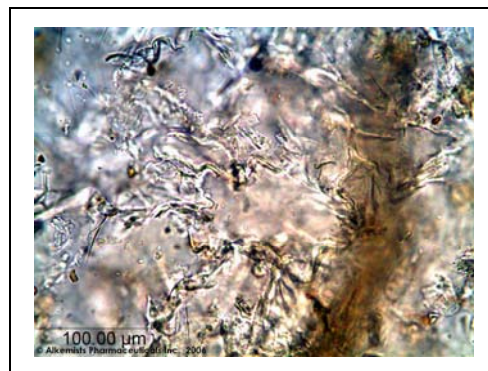
1



2



3



| | |
|---------------------|---|
| Company Name: | Desert Burn Industries |
| Title: | Hoodia |
| Plant Part: | aerial part |
| Sample Received: | 8/28/2006 |
| Sample Description: | 750mg x 60 capsules in sealed black labeled bottle |
| Form of Botanical: | crude plant powder |
| Appearance: | (1) 60 capsules |
| Lot #: | 72708Exp0808 |
| Sample #: | AU24006DBL |
| Latin Name: | Hoodia gordonii (Masson) Sweet ex Decne |
| Reference Sample #: | Voucher Specimen AU20604AP; AU21906DBL; AU19106TA6 (Jul 004); AU15606AHP2; AU19004PHX, AU11004CHR, AU02006NW, AU11805MHS1 Hoodia gordonii (Masson) Sweet ex Decne 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) Images of bottle submitted |
| Magnification: | (2) 400X |
| Chemical Reagents: | (2) acidified chloral hydrate glycerol solution |
| Sample Findings: | (2) fragment of a fiber showing whirled striations |
| Sample Prep: | (3) 400X |
| Chemical Reagents: | (3) acidified chloral hydrate glycerol solution |
| Sample Findings: | (3) large thin walled parenchyma with 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 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 fragment of a fiber showing whirled striations seen in micrograph (2) above. In micrograph (3) we see the large thin walled parenchyma with wrinkled cell walls. **These characteristic cellular structures confirm the identity of Hoodia (72708Exp0808).**

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

Report Date: 9/7/2006

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