



Alpaca Consulting Services USA

Ian Watt
805 772 1774

info@alpacaconsultingusa.com

1540 San Bernardo Creek Road, Morro Bay California 93442

Skin Biopsy Report

The ORIGINAL 100% Alpaca Density Test™

Date of test: 15 May 2011

Alpaca Name: Nieve

Owner name and address: Powers Alpacas
Wellington CO

Alpaca breed: Huacaya

Alpaca age: 18 months

Alpaca color: White

Alpaca sex: Female

Data details:

Density: 46.6 /mm²

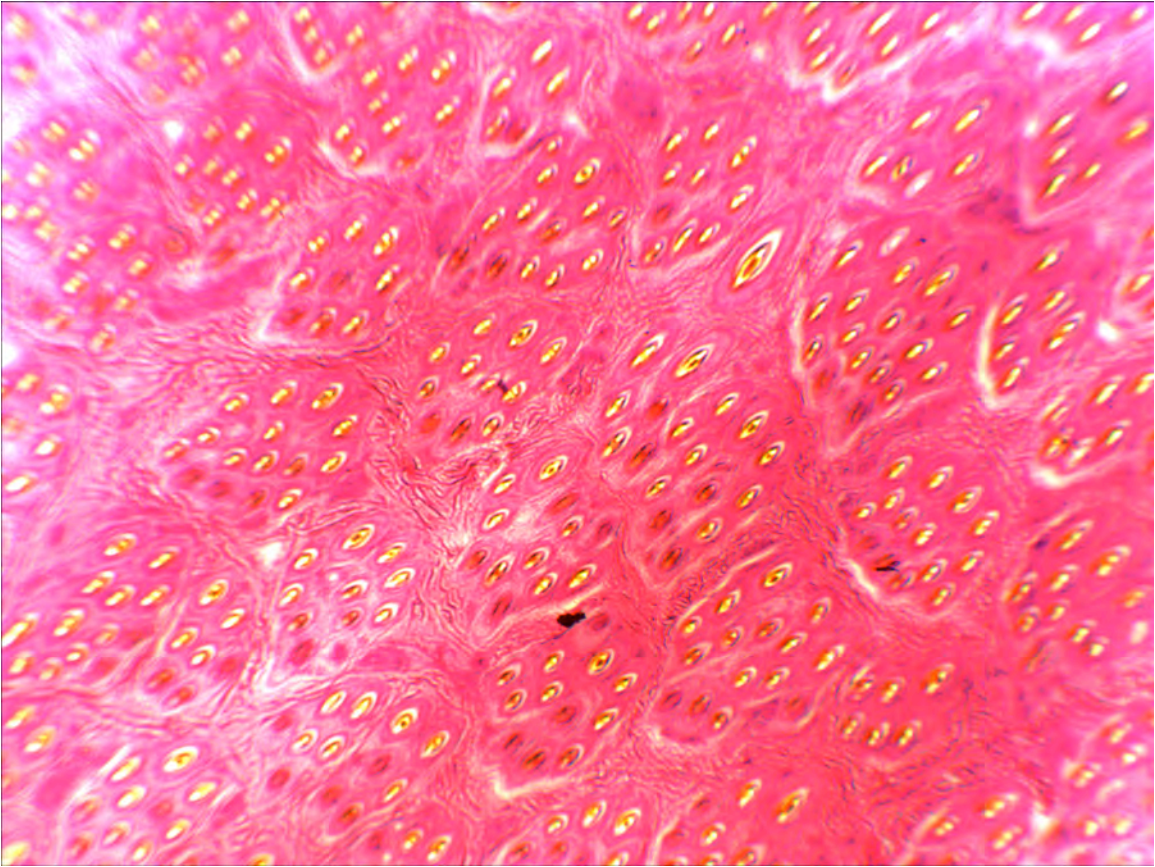
Secondary:Primary fiber ratio: 9.1 :1

In-skin mean primary fiber diameter: 23.0μ Standard Deviation: 3.0 μ Range: 17.6 μ to 29.0 μ

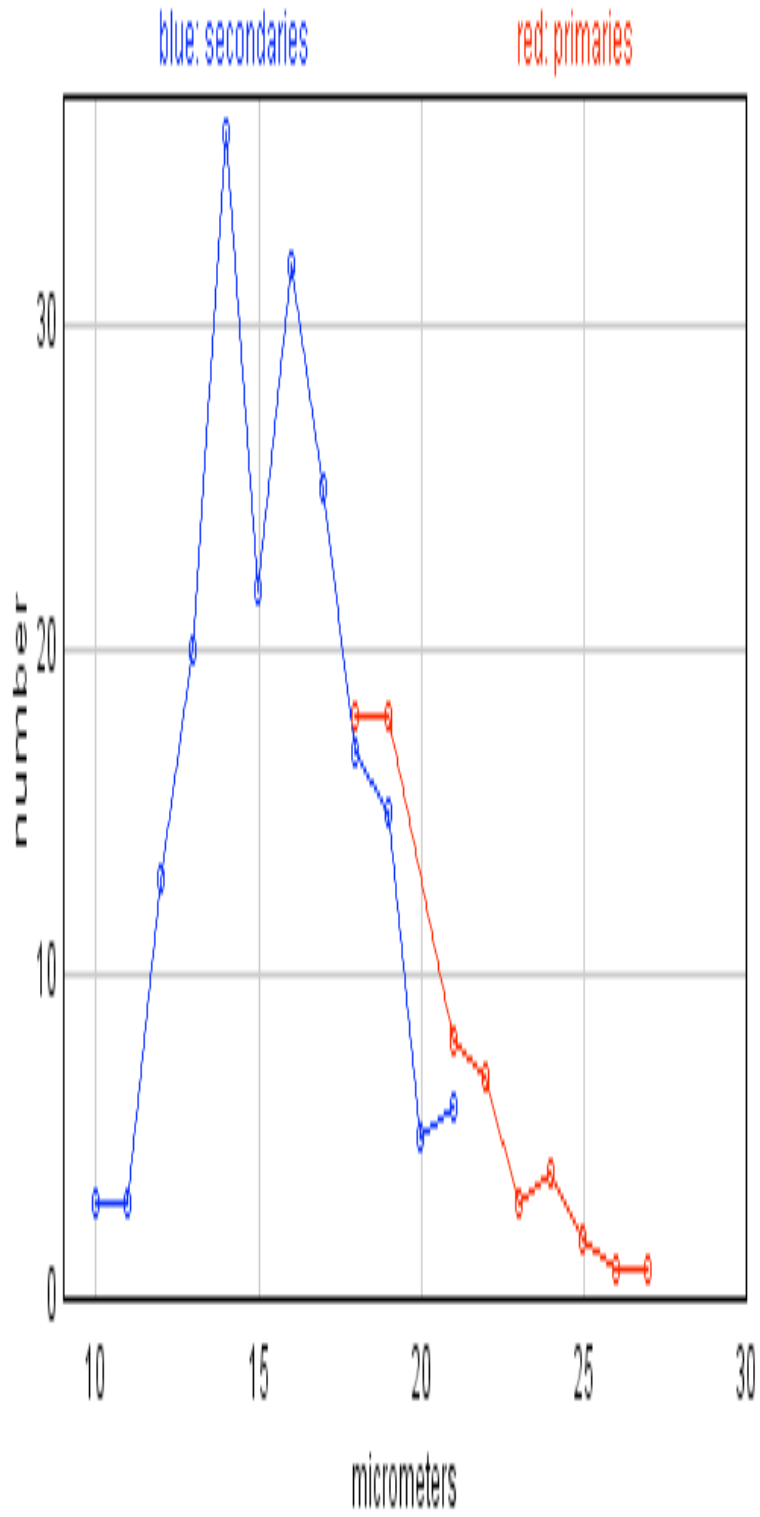
In-skin mean secondary fiber diameter: 15.7 μ Standard Deviation: 2.5 μ Range: 10.1 μ to 22.3 μ

Average Daily Fleece Growth: see OFDA 2000 report supplied separately

Sample biopsy photograph:



Fiber population histogram:



Comments:

A very good density for a female alpaca is well supported by a less than 8 micron, fiber population differential and excellent SD's within those two fiber populations.

This is a very good alpaca!

The results of this test are from a minimum 500 follicle count of a biopsy provided by the owner and processed by a national histology laboratory operating in California, USA, read through both a specifically adapted imaging program and laboratory operator, with the data moderated to account for shrinkage in the processing of the biopsy.

© Alpaca Consulting Services USA October 2009