



Alpaca Consulting Services USA

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Skin Biopsy Report

The ORIGINAL 100% Alpaca Density Test™

Date of test: 15 May 2011

Alpaca Name: Rosita

Owner name and address: Powers Alpacas
Wellington CO

Alpaca breed: Huacaya

Alpaca age: 18 months

Alpaca color: White

Alpaca sex: Female

Data details:

Density: 44.6 /mm²

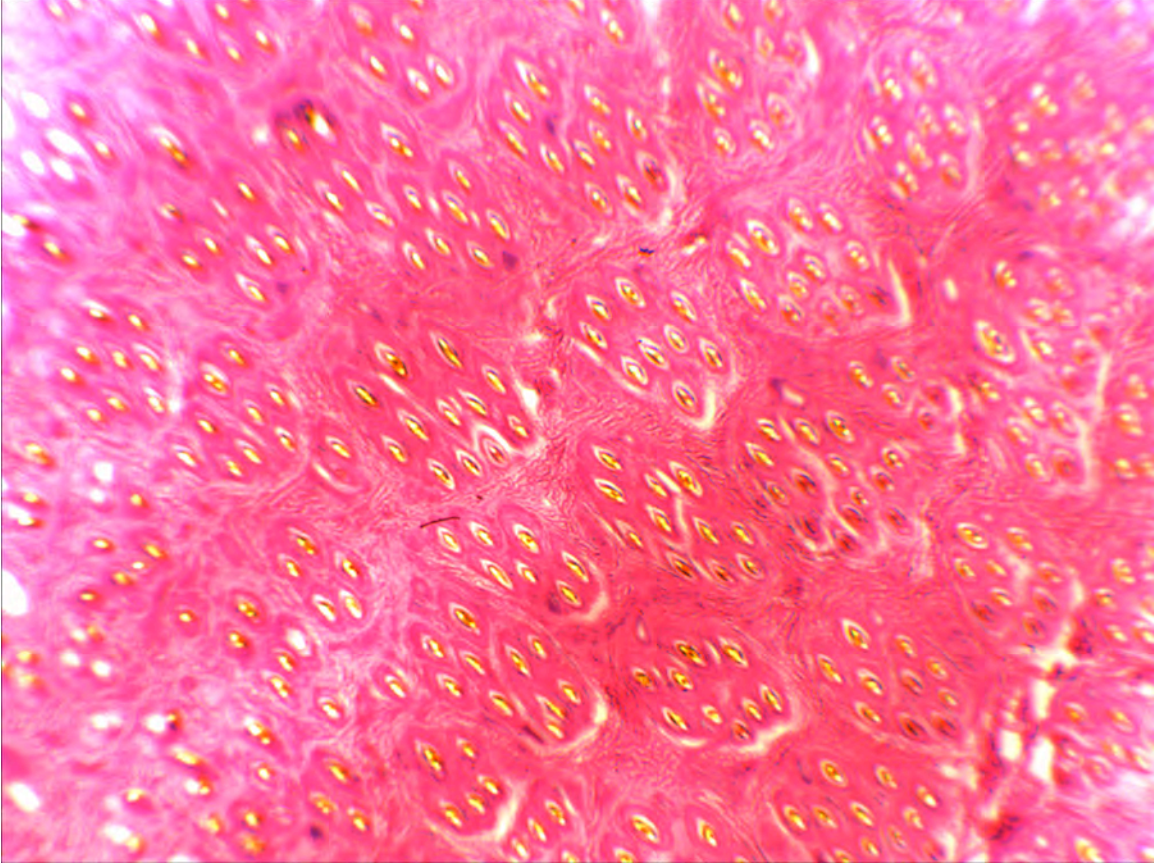
Secondary:Primary fiber ratio: 9.1 :1

In-skin mean primary fiber diameter: 21.4 μ Standard Deviation: 2.9 μ Range: 21.4 μ to 31.1 μ

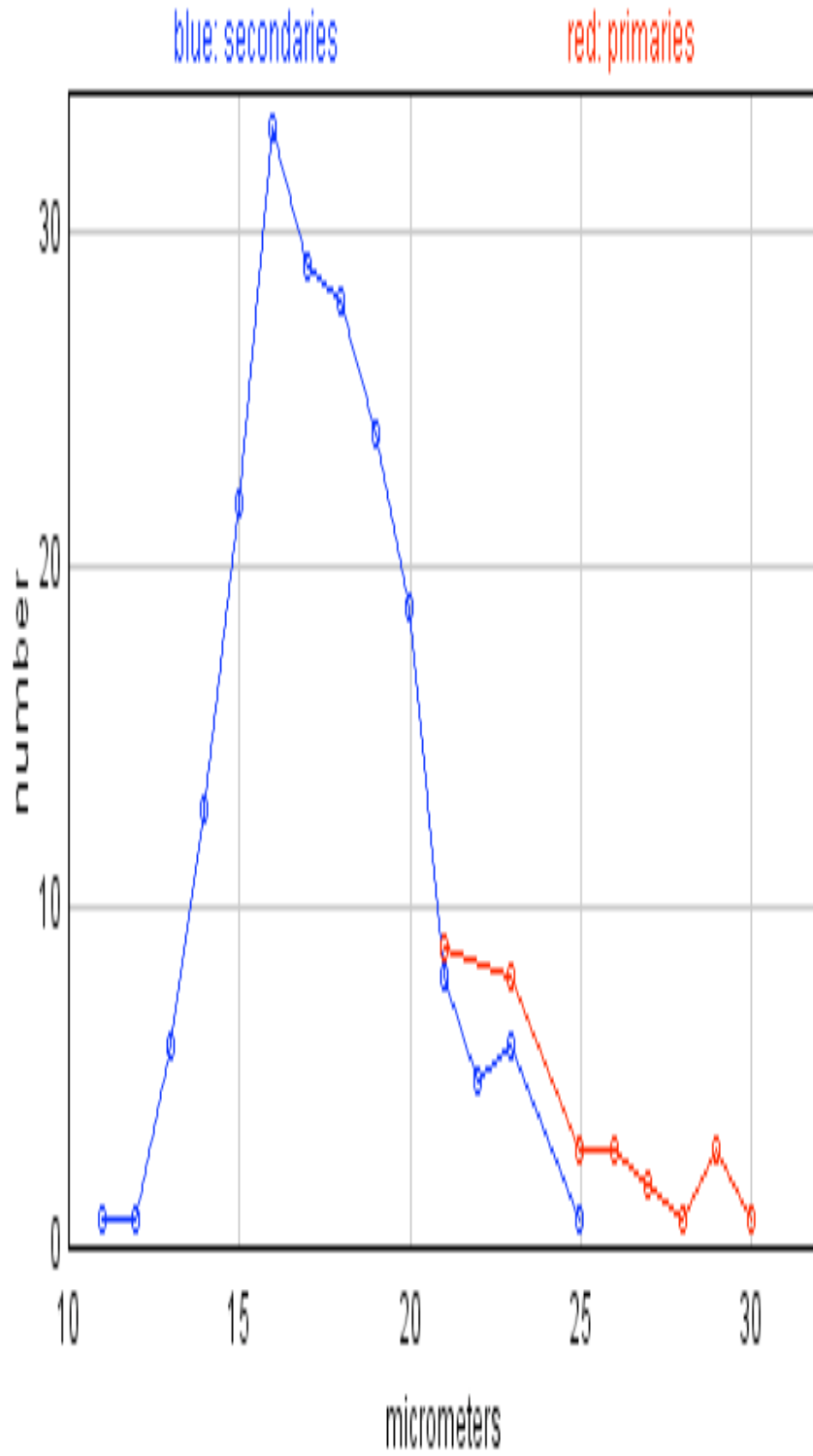
In-skin mean secondary fiber diameter: 11.2 μ Standard Deviation: 2.4 μ Range: 11.2 μ to 25.0 μ

Average Daily Fleece Growth: see OFDA 2000 report supplied separately

Sample biopsy photograph:



Fiber population histogram:



Comments:

Very good density and above average S:P ratio has delivered excellent SD's for the two fiber populations on this very good breeding female.

While the fiber population differential is 9 microns, the quality of the fibers overall outweighs what a smaller micron differential might have suggested as being very good.

Another excellent breeding female!

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.

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