



## Alpaca Consulting Services USA

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### **Skin Biopsy Report**

### **The ORIGINAL 100% Alpaca Density Test™**

**Date of test:** 13 May 2011

**Alpaca Name:** Soniadeux

**Owner name and address:** Powers Alpacas  
Wellington CO

**Alpaca breed:** Huacaya

**Alpaca age:** 23 months

**Alpaca color:** White

**Alpaca sex:** Female

#### **Data details:**

**Density:** 56.6 /mm<sup>2</sup>

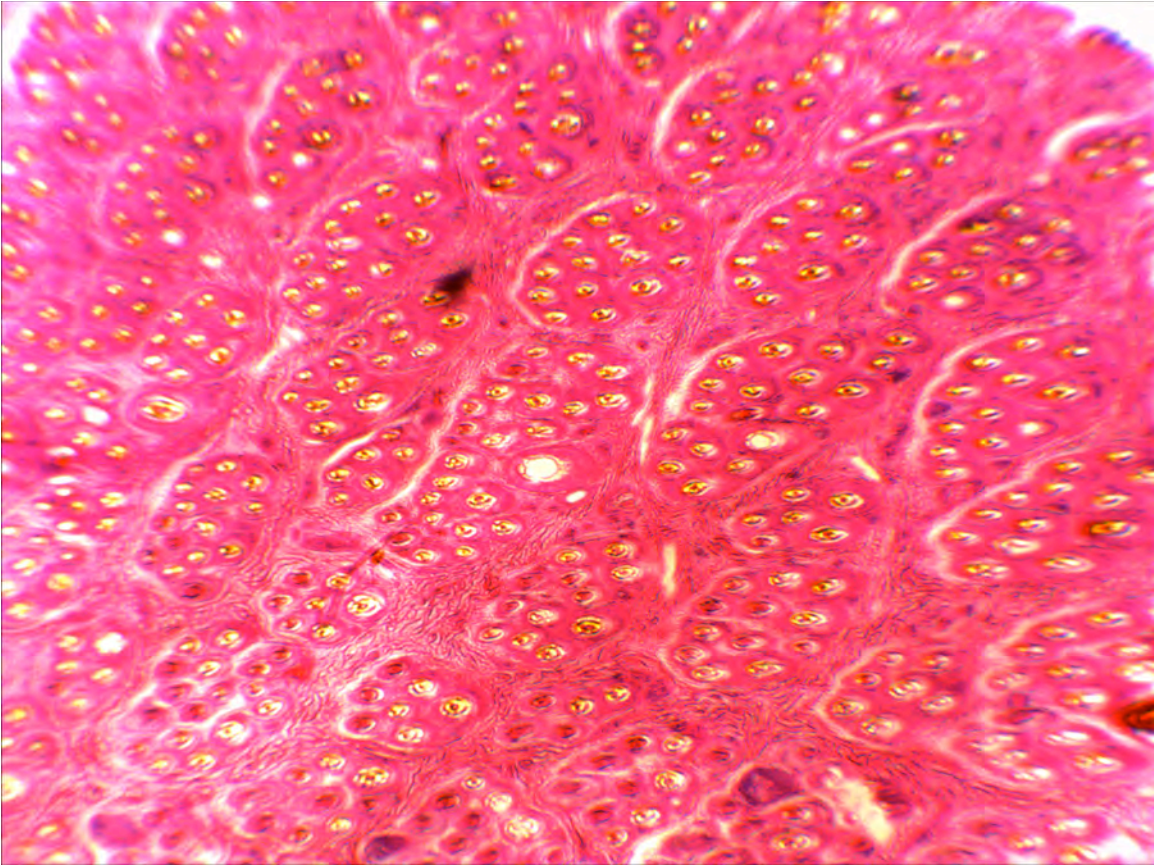
**Secondary:Primary fiber ratio:** 10 :1

**In-skin mean primary fiber diameter:** 23.8μ Standard Deviation: 3.6 μ Range: 14.5 μ to 31.0 μ

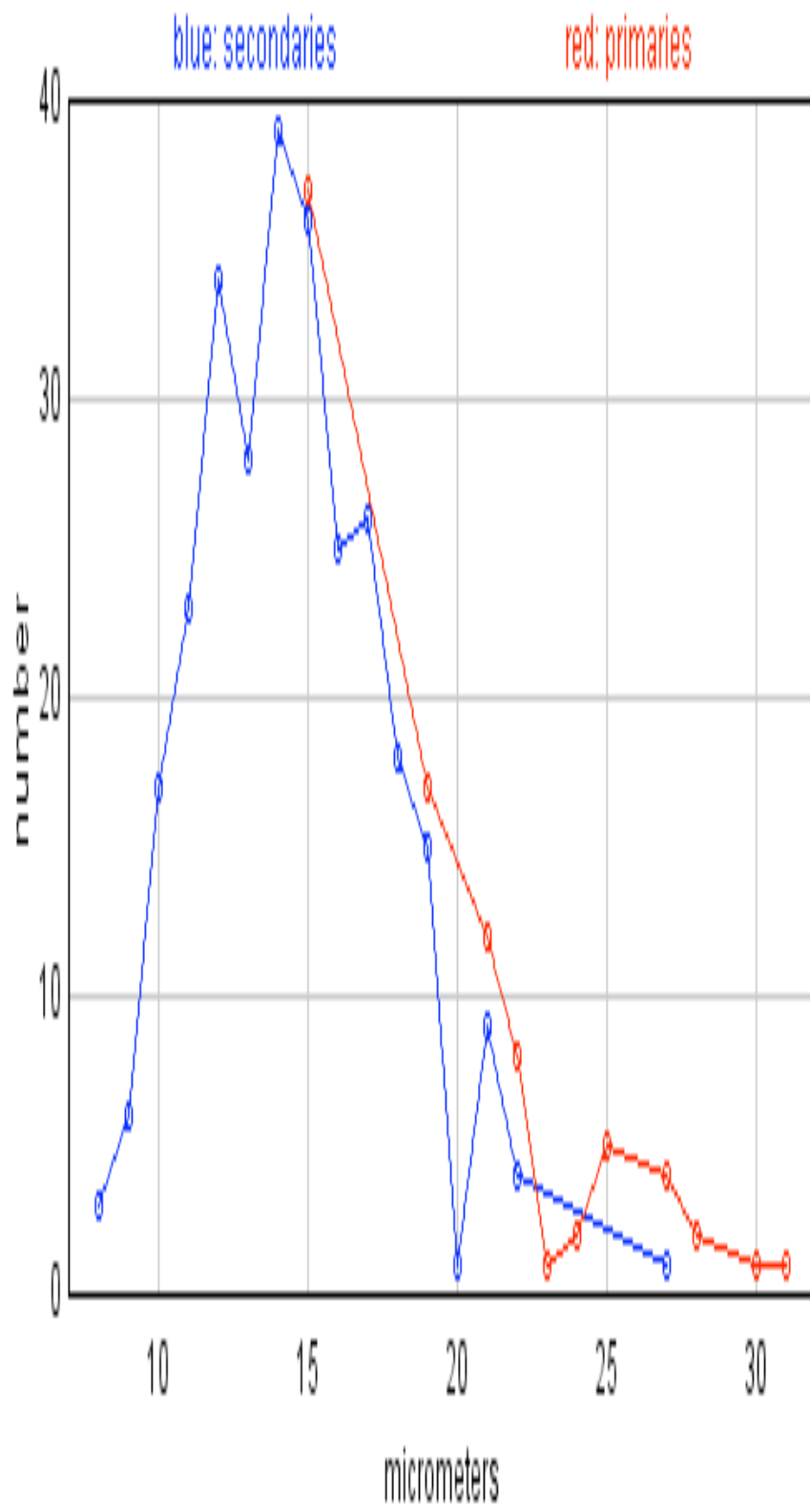
**In-skin mean secondary fiber diameter:** 14.5 μ Standard Deviation: 3.1 μ Range: 7.9 μ to 27.0 μ

**Average Daily Fleece Growth:** see OFDA 2000 report supplied separately

**Sample biopsy photograph:**



Fiber population histogram:



**Comments:**

Everything about this female is exciting – excellent density (as good as many males in the US), very good S:P ratio, very good fiber population differential of 9 microns and very good SD's for both fiber populations.

Quite simply the best female I have ever tested!!

**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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