

## *Alpaca Fiber Testing USA*

Owned and operated by Alpaca Consulting USA

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## SKIN BIOPSY TEST REPORT

Owner name: Renaissance Ridge Alpacas

Alpaca name: Sakura

Fleece type, color and age at testing: Huacaya, Medium Rose Grey, 35 months

Date of test: 30 June 2009

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Follicle density: 47.18/mm<sup>2</sup>

Mean Fiber Diameter: 30.22 micron    Standard Deviation: 3.89 micron

Coefficient of Variation - Fiber Diameter (CVFD): 19 %

Secondary:Primary ratio (S:P): 10.7:1

Mean Fiber Diameter Primaries (Dp): 28.96 micron    Standard Deviation: 2.87 micron

Mean Fiber Diameter Secondaries (Ds): 19.28 micron    Standard deviation: 2.07 micron

Ds:Dp ratio: 1.50

**Comments:**

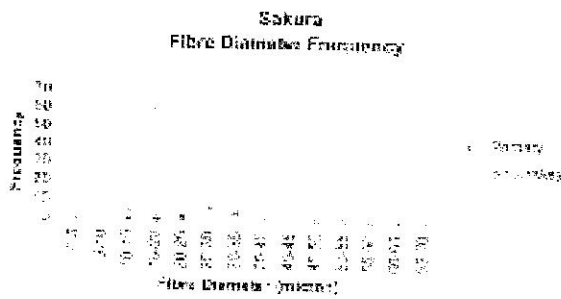
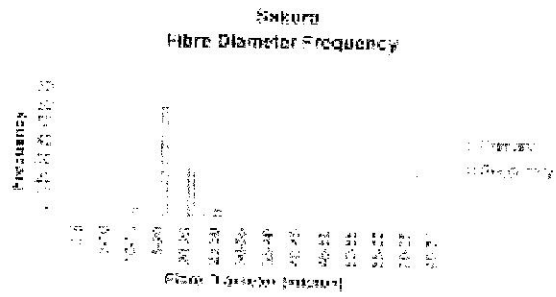
A very good density for a female alpaca and well supported by an above average S:P ratio.

The fiber population differential is very good with excellent SD's for each population.

Overall, quite probably in the top 30% of female alpacas in the US.

Ian Watt

### Fiber Diameter Frequency Histogram:



### Micrograph of skin section: