

Alpaca Fiber Testing USA

Owned and operated by Alpaca Consulting USA
1540 San Bernardo Creek Road, Morro Bay California 93442
phone + 1 805 772 1774
email info@alpacaconsultingUSA.com
web www.alpacaconsultingUSA.com

SKIN BIOPSY TEST REPORT

Owner name: Christopher Powers

Alpaca name: Reposada

Fleece type, color and age at testing: Huacaya, White, 26 months

Date of test: 11 February 2009

Follicle density: 45.12 /mm²

Mean Fiber Diameter: 23.73 micron **Standard Deviation:** 4.46 micron

Co-efficient of Variation – Fiber Diameter (CVFD): 19 %

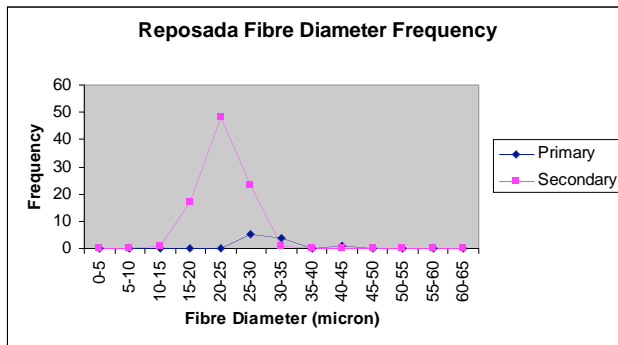
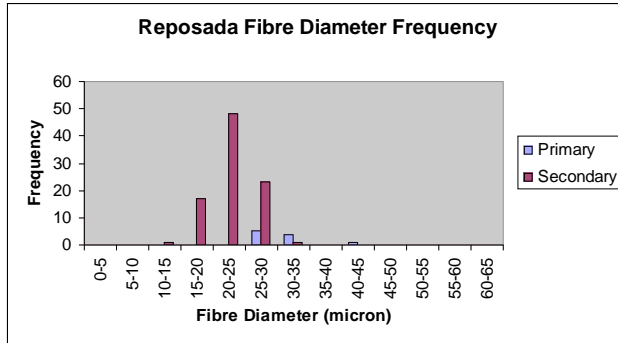
Secondary:Primary ratio (S:P): 10.7 : 1

Mean Fiber Diameter Primaries (Dp): 31.68 micron **Standard Deviation:** 4.63 μ

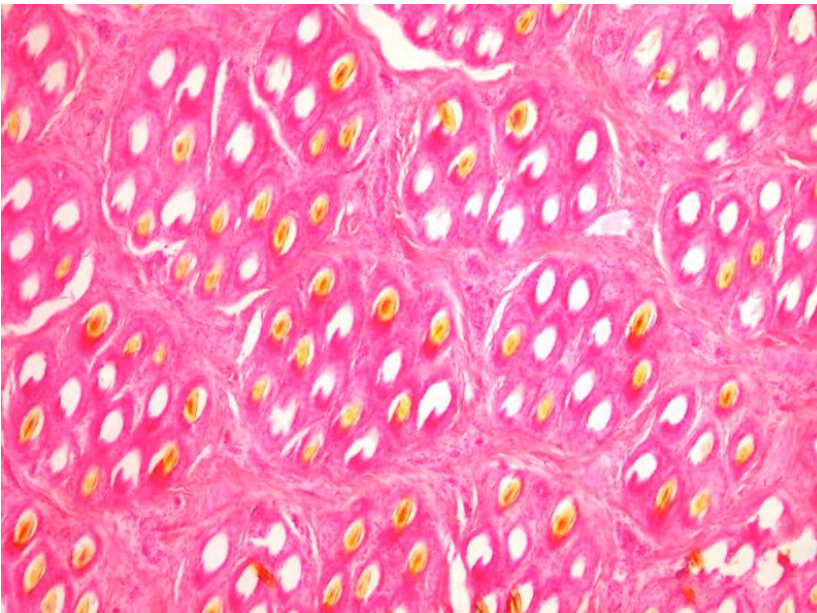
Mean Fiber Diameter Secondaries (Ds): 22.85 micron **Standard deviation:** 3.48 μ

Dp:Ds ratio: 1.38

Fiber Diameter Frequency Histogram:



Micrograph of skin section:



Comments:

A very, very good huacaya female exhibiting excellent density, above average S:P ratio and superior fiber population micron differential.

The micrograph graphically illustrates very even follicle bundling with very even fiber spacing and diameter.

Ian Watt