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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Alpacas at Windy Hill/Cindy Harris
8575 Waters Rd
Moorpark CA 93021 USA

Date: 10/03/12
Shear ID: 27442
Test No: 439576

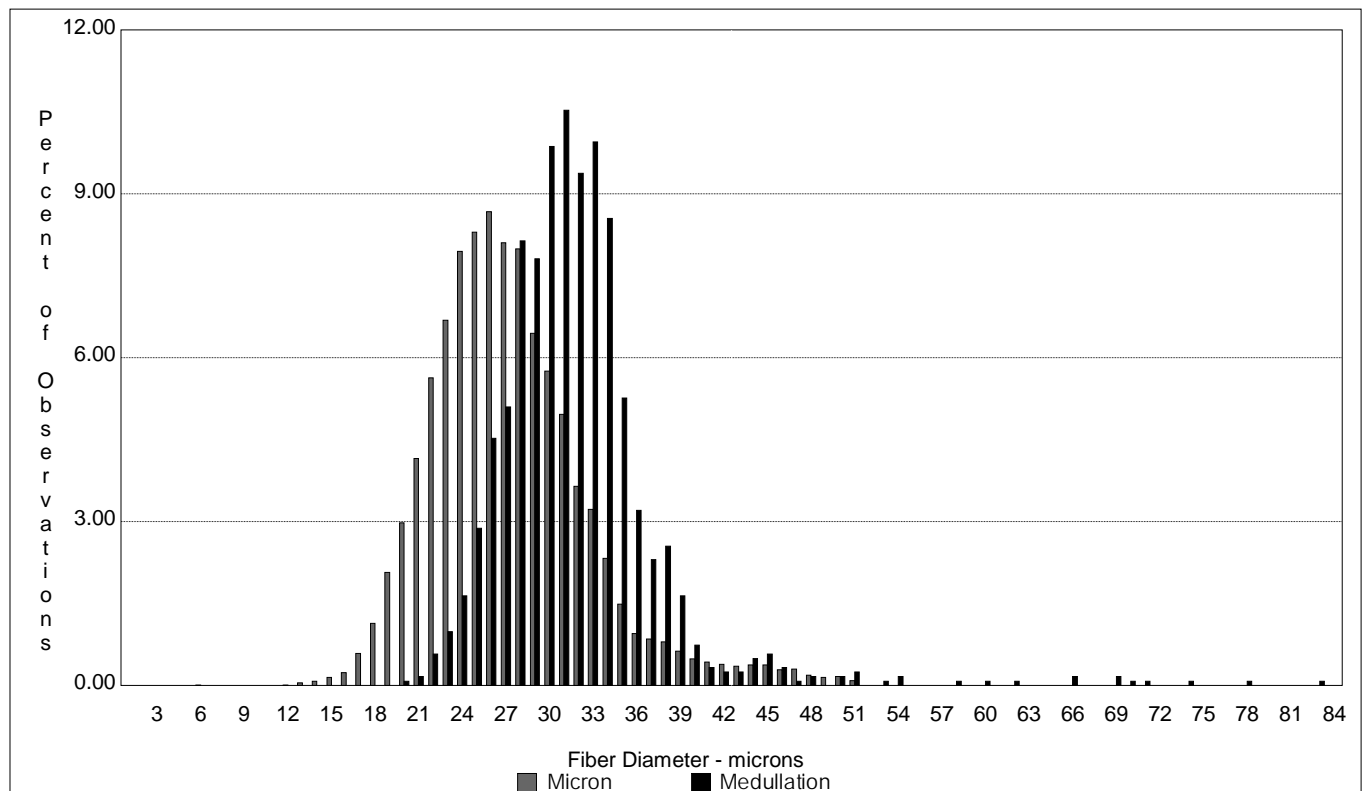
Animal and Sample Description

Animal Name: HCLA Resi
ARI #: 30004264
Breed: Alpaca(Suri)
Sex: Female
Color: Beige

Date of Birth (Age): 04/22/05
Sample Location: Side
Sample Date: 04/22/11
Previous Shear Date: 04/02/10
Total Fleece Wt (lbs): 4.20

Laboratory Data

Mean Fiber Diameter:	27.5 microns	Mean Staple Length:	118.2 mm
Standard Deviation:	5.9 microns	Length Standard Deviation:	6.0 mm
Coefficient of Variation:	21.6 %	Length Coefficient of Variation:	5.1 %
Spin Fineness:	26.9 microns	Mean Curvature:	8.4 deg/mm
Fibers Greater Than 30 microns:	23.0 %	SD Curvature:	12.2 deg/mm
Comfort Factor:	77.0 %	Medullated Fibers:	12.2 %



This Test Performed According to I.W.T.O Method 47