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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rare Gem Alpacas/Darcy Phillips
3507 W Stetson Ave #202
Hemet CA 92545-9740 USA

Date: 05/16/18
Shear ID: 166710
Test No: 959077

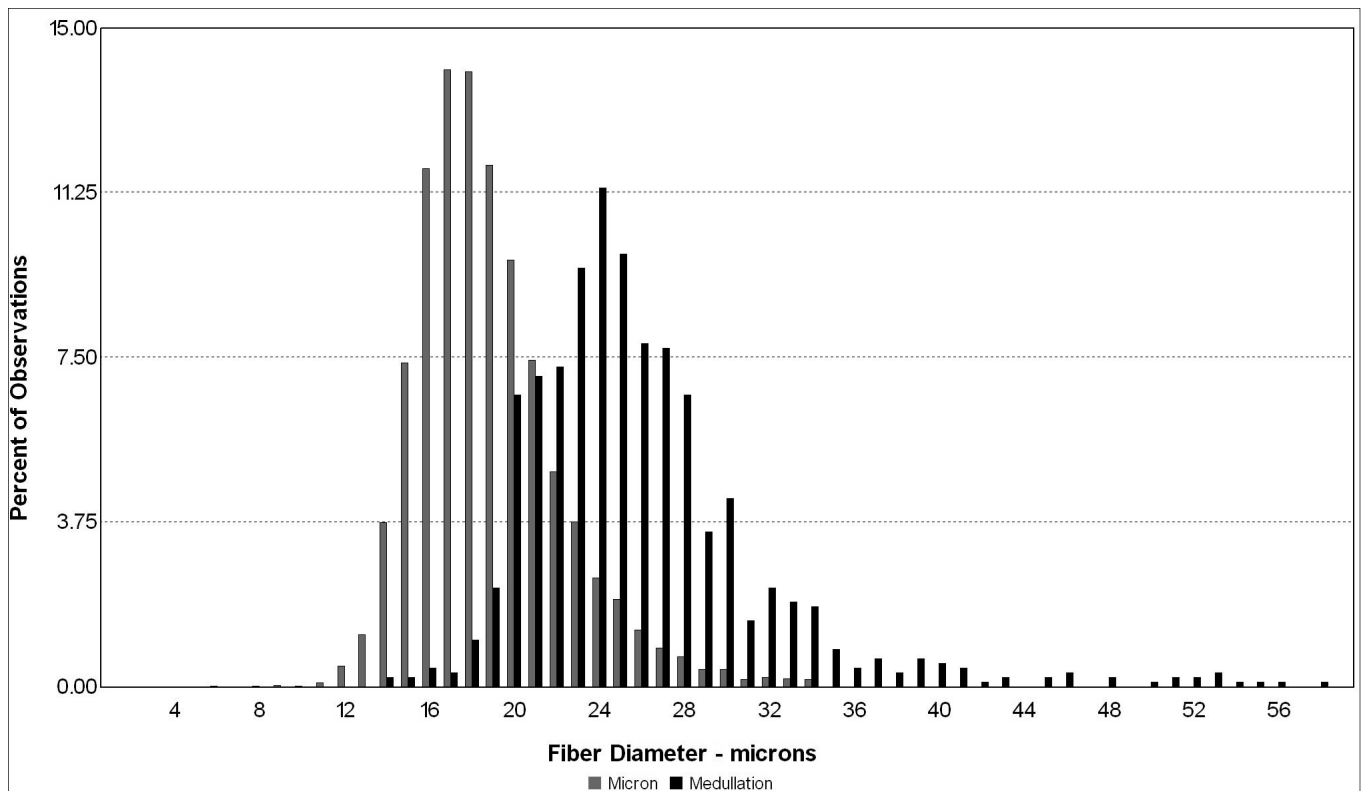
Animal and Sample Description

Animal Name: FDA Rembrandt's Stunning Sephora
ARI #: 31996808
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 06/07/10
Sample Location: Side
Sample Date: 04/14/18
Previous Shear Date: 06/15/17
Total Fleece Wt (lbs): 7.00

Laboratory Data

Mean Fiber Diameter:	19.0 microns	Mean Staple Length:	64.2 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	6.5 mm
Coefficient of Variation:	20.4 %	Length Coefficient of Variation:	10.2 %
Spin Fineness:	18.4 microns	Mean Curvature:	60.0 deg/mm
Fibers Greater Than 30 microns:	1.4 %	SD Curvature:	30.7 deg/mm
Comfort Factor:	98.6 %	Medullated Fibers:	8.9 %



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