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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rancho Inca Alpacas/Bill Beranek
2877 County Road 310
Navasota TX 77868-8344

Date: 09/04/19
Shear ID: 192090
Test No: 981420

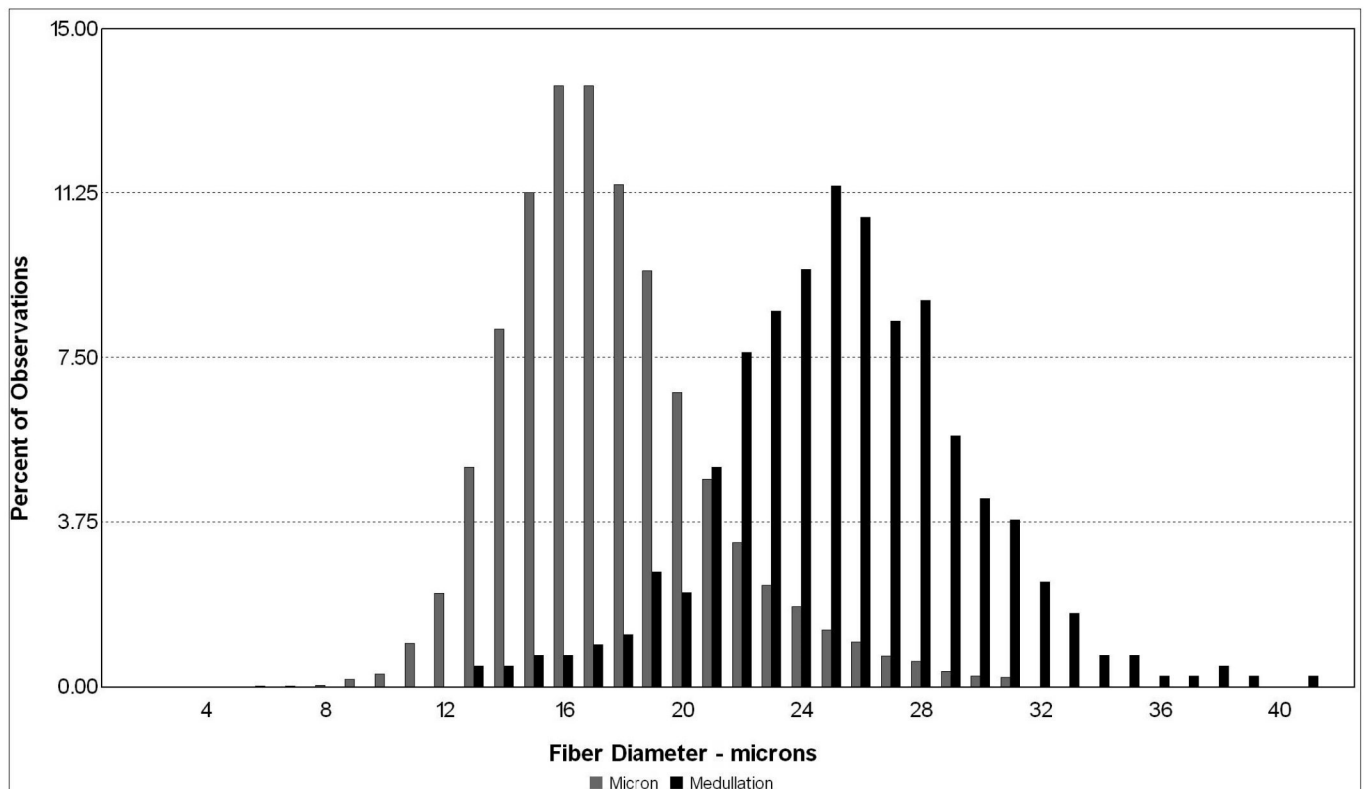
Animal and Sample Description

Animal Name: RIA Lunar Eclipse
ARI #: 35378365
Breed: Alpaca(Huacaya)
Sex: Female
Color: Beige

Date of Birth (Age): 01/31/18
Sample Location: Side
Sample Date: 04/13/19
Previous Shear Date: 06/23/18
Total Fleece Wt (lbs): 2.80

Laboratory Data

Mean Fiber Diameter:	17.6 microns	Mean Staple Length:	81.0 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	3.7 mm
Coefficient of Variation:	20.3 %	Length Coefficient of Variation:	4.6 %
Spin Fineness:	17.0 microns	Mean Curvature:	51.4 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	29.7 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	4.5 %



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