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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Gates Alpaca Ranch/Andrew & Kristina Gates
48531 Russia Road
Amherst OH 44001 USA

Date: 07/22/17
Shear ID: 144079
Test No: 945611

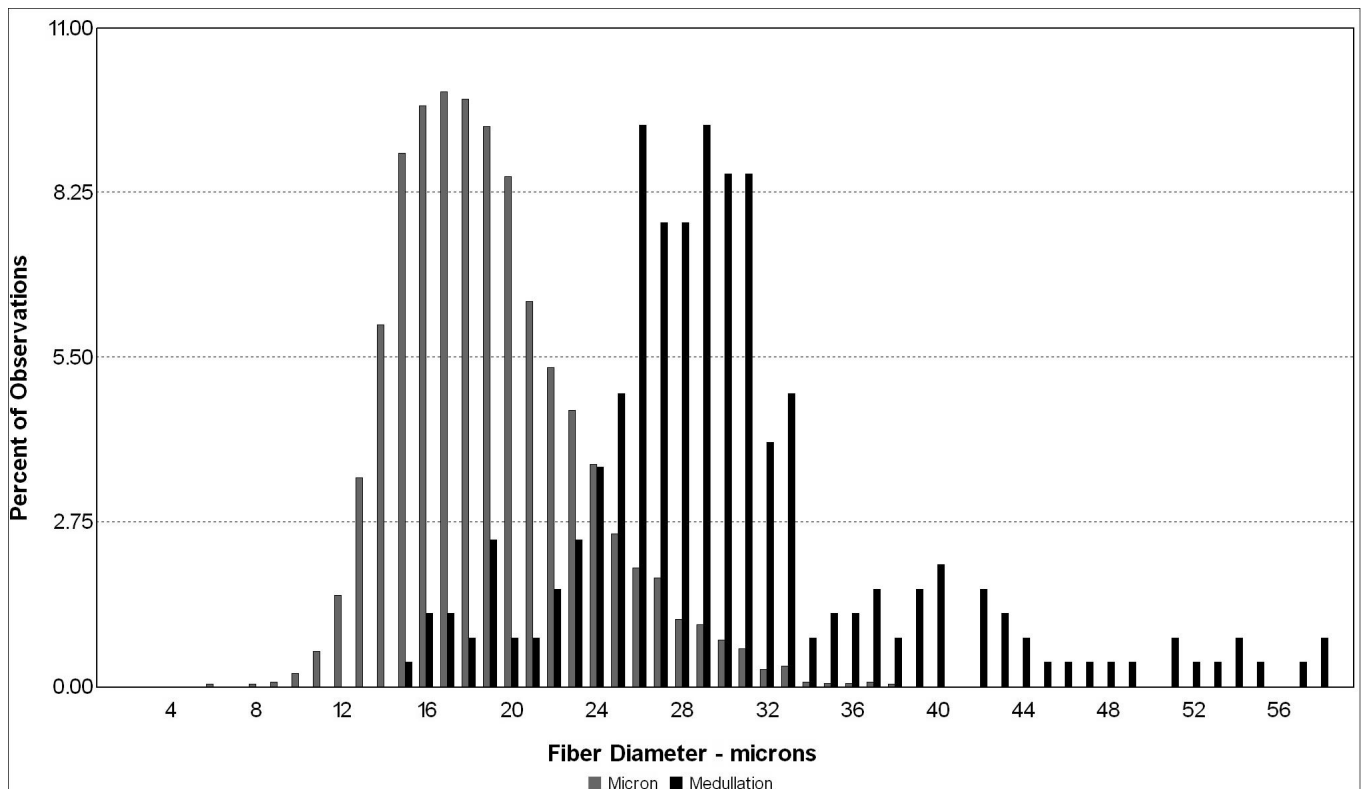
Animal and Sample Description

Animal Name: G8S Reflection's Justice For All
ARI #: 32459777
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 07/04/16
Sample Location: Side
Sample Date: 05/16/17
Previous Shear Date: 07/26/16
Total Fleece Wt (lbs): 4.80

Laboratory Data

Mean Fiber Diameter:	19.2 microns	Mean Staple Length:	91.8 mm
Standard Deviation:	4.9 microns	Length Standard Deviation:	6.0 mm
Coefficient of Variation:	25.3 %	Length Coefficient of Variation:	6.5 %
Spin Fineness:	19.5 microns	Mean Curvature:	45.8 deg/mm
Fibers Greater Than 30 microns:	2.3 %	SD Curvature:	25.7 deg/mm
Comfort Factor:	97.7 %	Medullated Fibers:	5.0 %



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