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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: 09/19/19
Shear ID: 194093
Test No: 983446

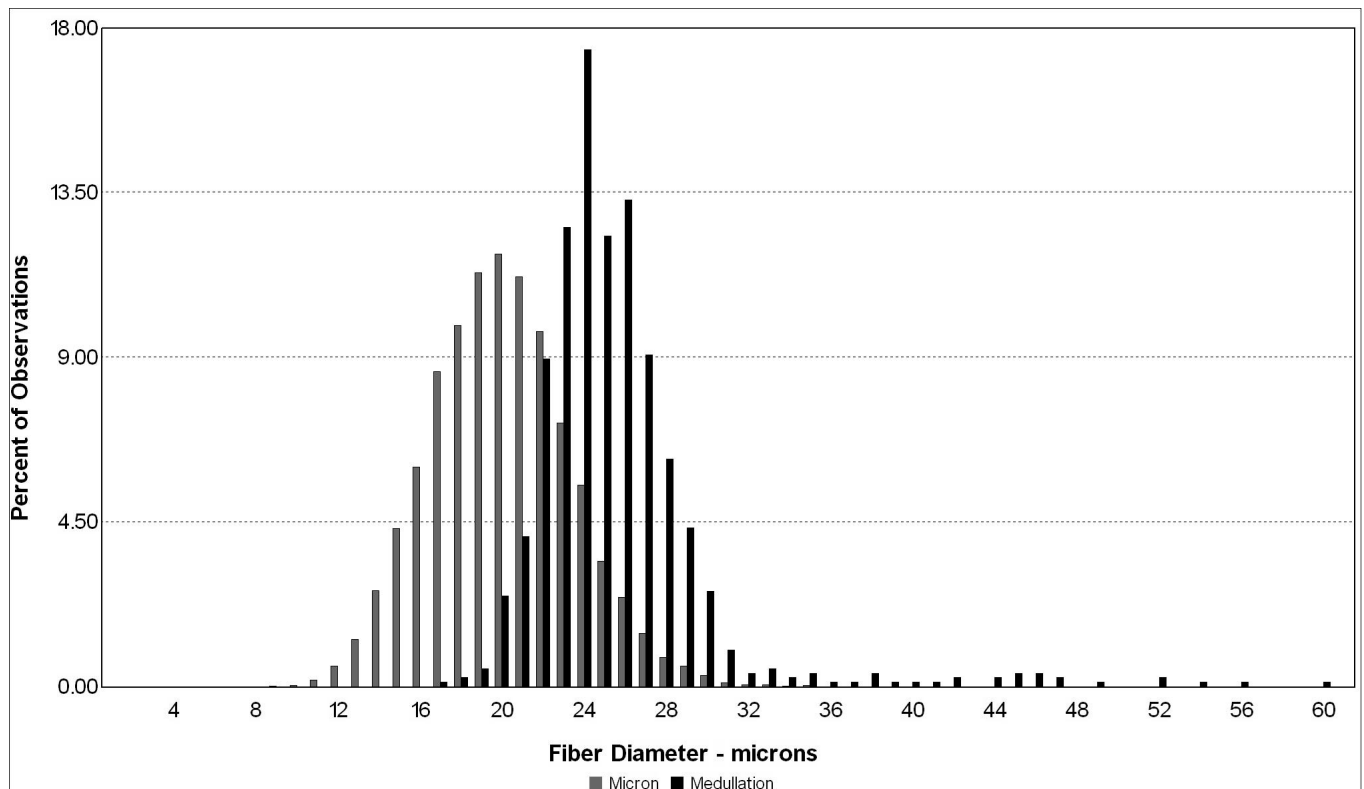
Animal and Sample Description

Animal Name: Rare Gem X Man
ARI #: 35589129
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 09/29/18
Sample Location: Side
Sample Date: 05/15/19
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter:	20.1 microns	Mean Staple Length:	74.6 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	3.4 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	4.6 %
Spin Fineness:	19.2 microns	Mean Curvature:	39.4 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	24.9 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	8.5 %



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