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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: 194088
Test No: 983455

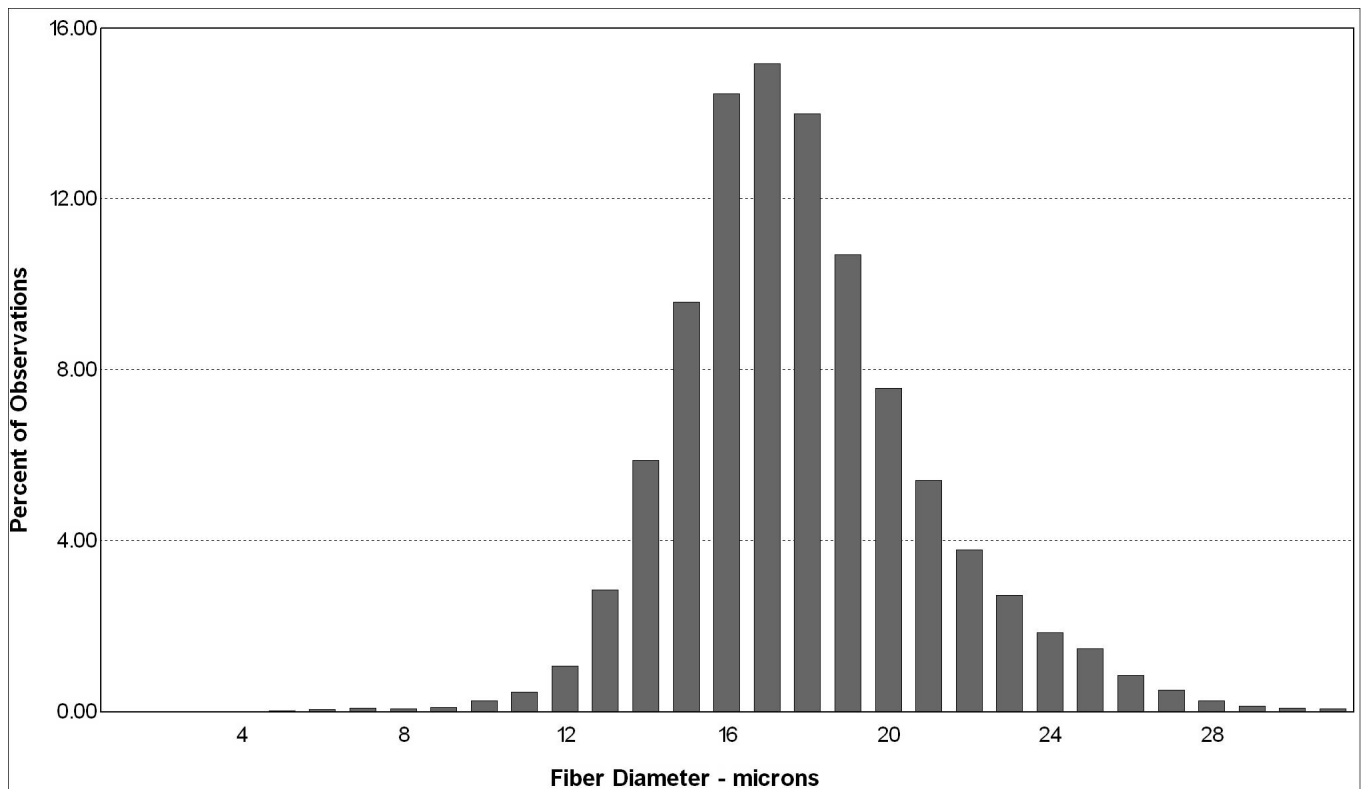
Animal and Sample Description

Animal Name: Rare Gem Privateer's First Mate
ARI #: 35365808
Breed: Alpaca(Huacaya)
Sex: Male
Color: Lt Rose Grey

Date of Birth (Age): 09/18/17
Sample Location: Side
Sample Date: 05/15/19
Previous Shear Date: 04/14/18
Total Fleece Wt (lbs): 8.00

Laboratory Data

Mean Fiber Diameter:	18.0 microns	Mean Staple Length:	80.6 mm
Standard Deviation:	3.5 microns	Length Standard Deviation:	4.6 mm
Coefficient of Variation:	19.5 %	Length Coefficient of Variation:	5.7 %
Spin Fineness:	17.3 microns	Mean Curvature:	49.7 deg/mm
Fibers Greater Than 30 microns:	0.7 %	SD Curvature:	30.5 deg/mm
Comfort Factor:	99.3 %		



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