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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: 194089
Test No: 983467

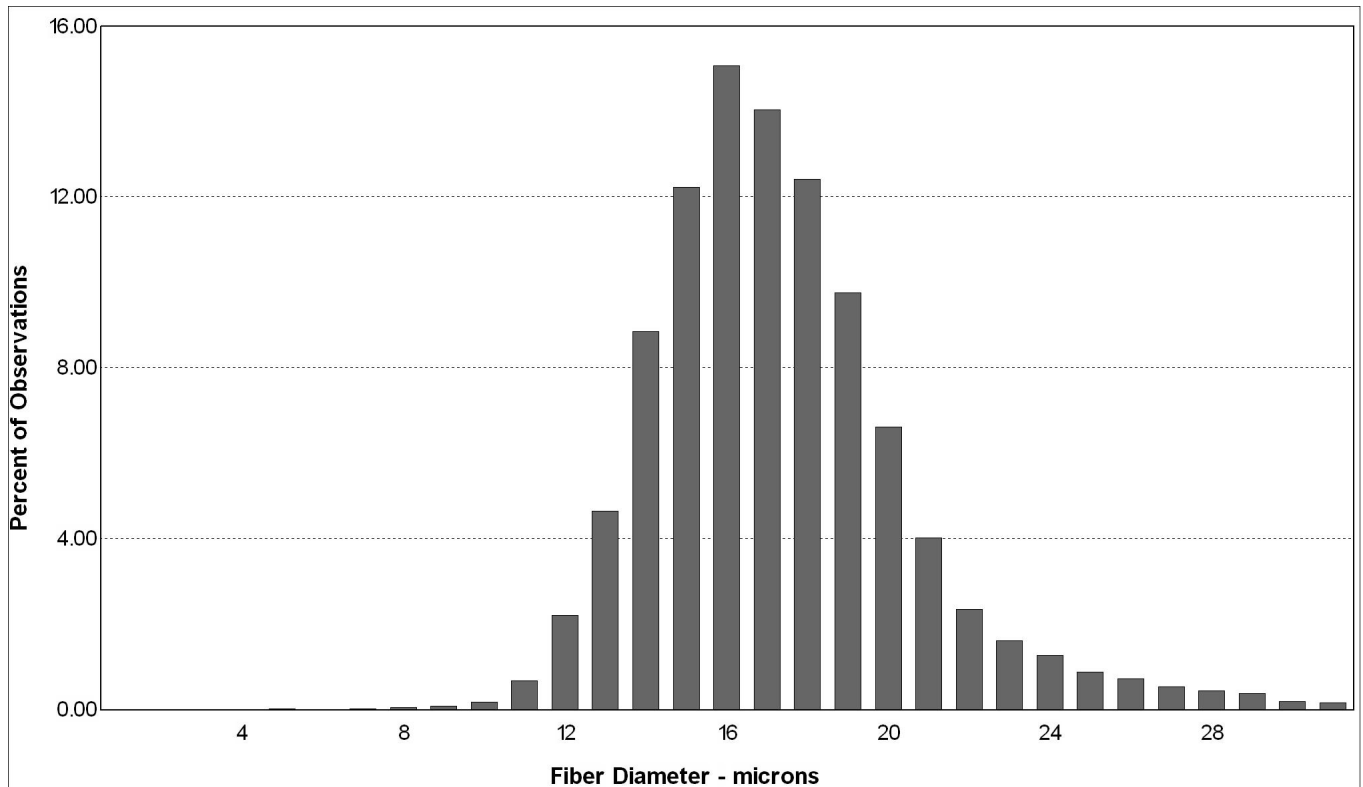
Animal and Sample Description

Animal Name: Rare Gem Royal Velvet
ARI #: 35365761
Breed: Alpaca(Huacaya)
Sex: Female
Color: Dark Fawn

Date of Birth (Age): 10/26/17
Sample Location: Side
Sample Date: 04/24/19
Previous Shear Date: 04/14/18
Total Fleece Wt (lbs): 6.00

Laboratory Data

Mean Fiber Diameter:	17.4 microns	Mean Staple Length:	92.8 mm
Standard Deviation:	3.5 microns	Length Standard Deviation:	4.0 mm
Coefficient of Variation:	20.1 %	Length Coefficient of Variation:	4.3 %
Spin Fineness:	16.8 microns	Mean Curvature:	52.2 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	28.4 deg/mm
Comfort Factor:	99.2 %		



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