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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: 05/16/18
Shear ID: 166702
Test No: 959082

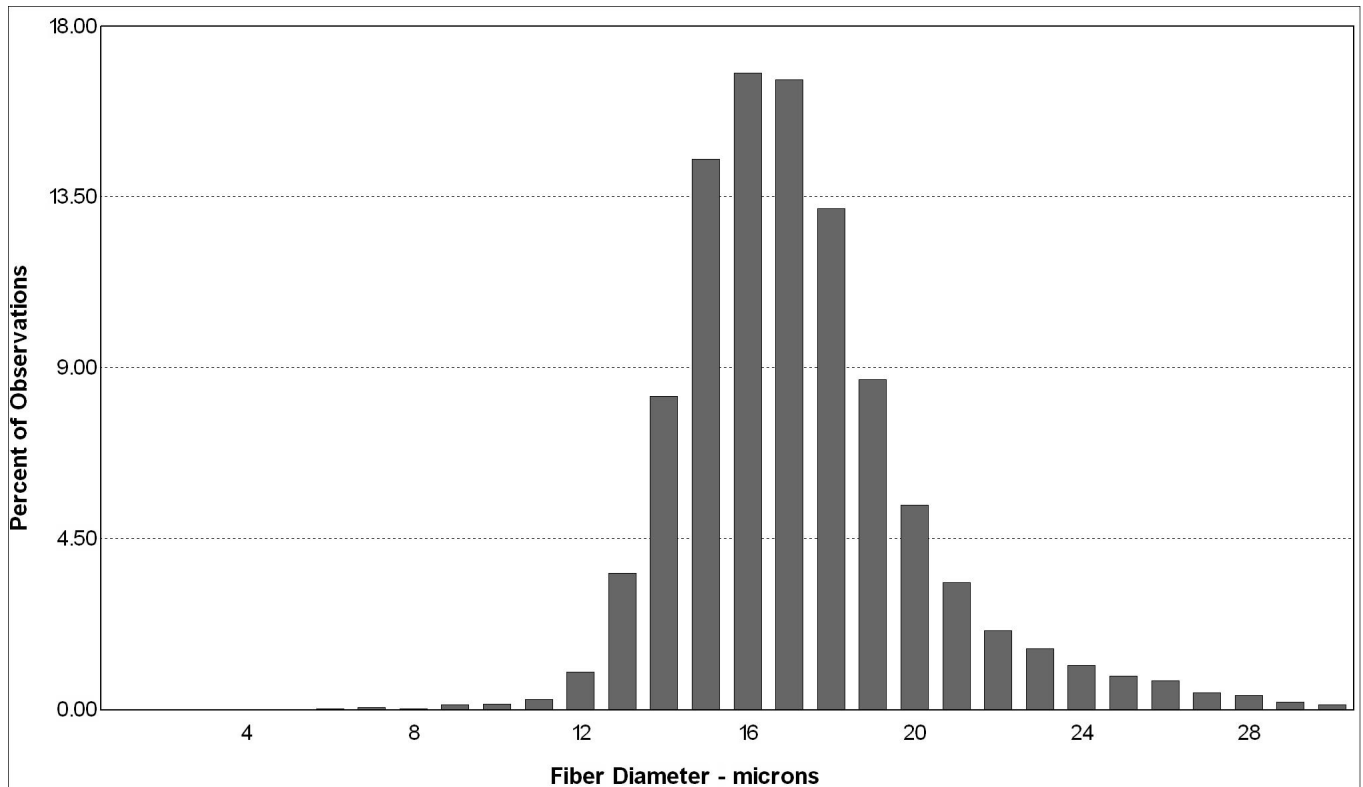
Animal and Sample Description

Animal Name: Rare Gem Privateer's Buckaroo
ARI #: 35367741
Breed: Alpaca(Huacaya)
Sex: Male
Color: Lt Rose Grey

Date of Birth (Age): 10/22/17
Sample Location: Side
Sample Date: 04/14/18
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter:	17.3 microns	Mean Staple Length:	80.8 mm
Standard Deviation:	3.4 microns	Length Standard Deviation:	9.1 mm
Coefficient of Variation:	19.5 %	Length Coefficient of Variation:	11.3 %
Spin Fineness:	16.6 microns	Mean Curvature:	44.8 deg/mm
Fibers Greater Than 30 microns:	0.5 %	SD Curvature:	31.8 deg/mm
Comfort Factor:	99.5 %		



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