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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rare Gem Alpacas/Darcy Phillips
3507 W Stetson #202
Hemet CA 92545-9740 USA

Date: 08/10/17
Shear ID: 149249
Test No: 949319

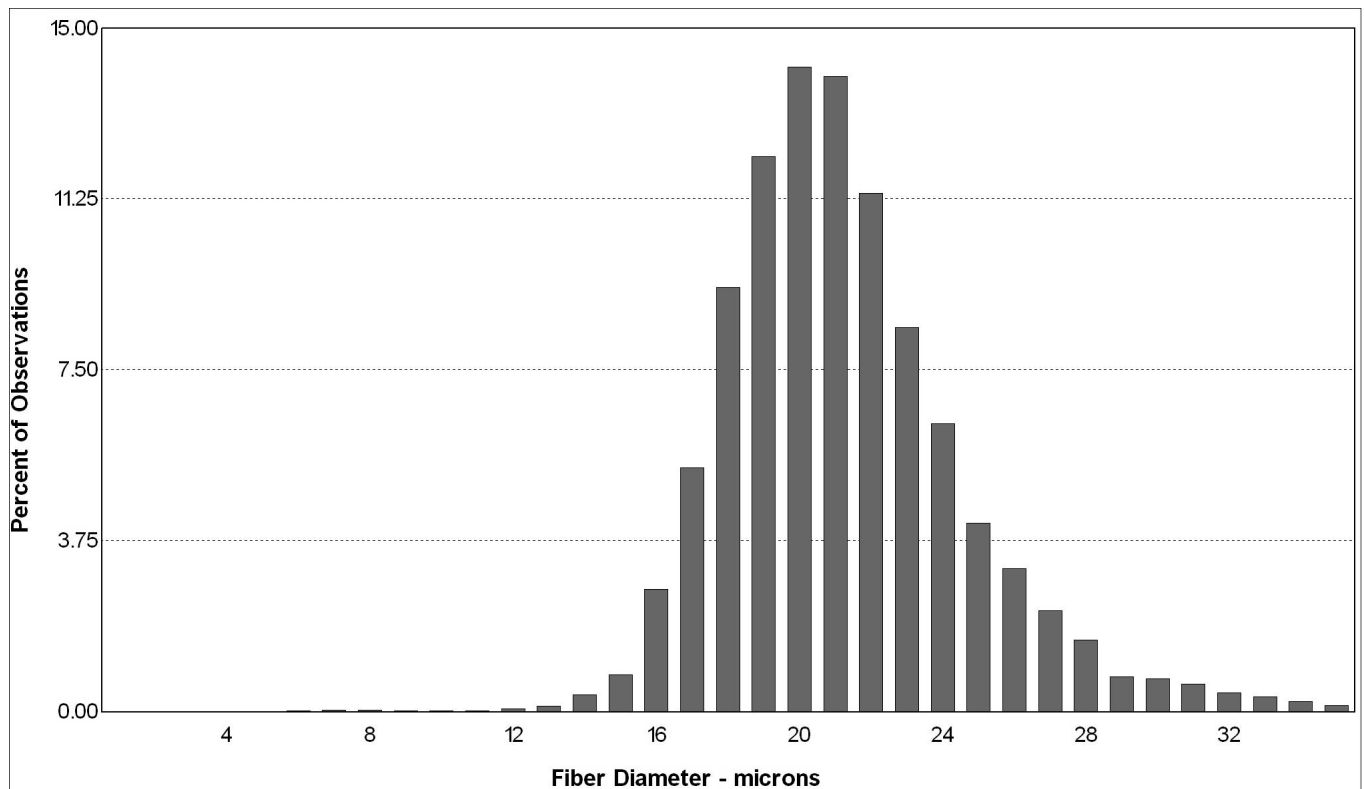
Animal and Sample Description

Animal Name: Rare Gem Mikala
ARI #: 35166573
Breed: Alpaca(Huacaya)
Sex: Female
Color: True Black

Date of Birth (Age): 06/29/16
Sample Location: Side
Sample Date: 04/15/17
Previous Shear Date: 07/10/16
Total Fleece Wt (lbs): 0.00

Laboratory Data

Mean Fiber Diameter:	21.3 microns	Mean Staple Length:	80.2 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	1.3 mm
Coefficient of Variation:	17.0 %	Length Coefficient of Variation:	1.6 %
Spin Fineness:	20.1 microns	Mean Curvature:	33.0 deg/mm
Fibers Greater Than 30 microns:	2.2 %	SD Curvature:	17.4 deg/mm
Comfort Factor:	97.8 %		



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