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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: 149246
Test No: 949308

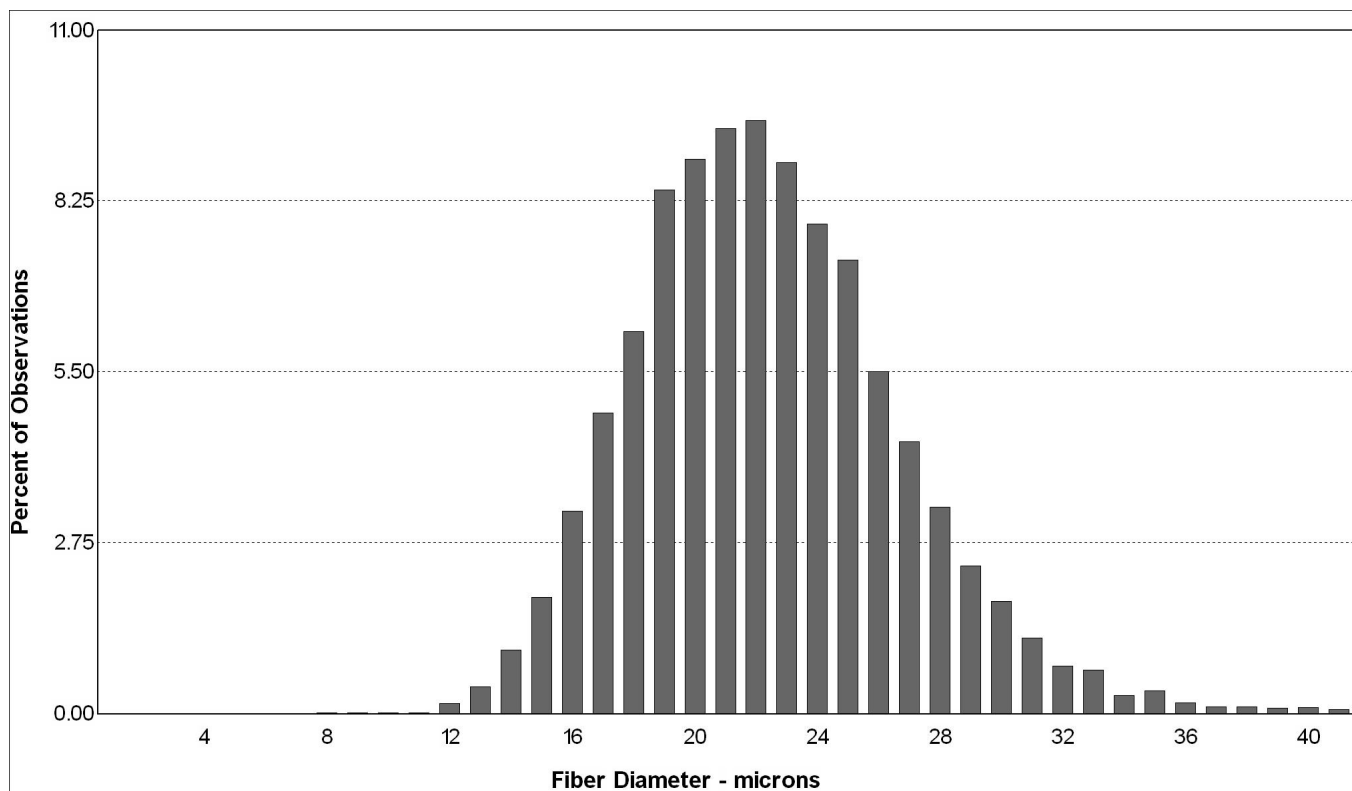
Animal and Sample Description

Animal Name: Rare Gem Carnelian
ARI #: 35166566
Breed: Alpaca(Huacaya)
Sex: Female
Color: Med Brown

Date of Birth (Age): 06/27/15
Sample Location: Side
Sample Date: 04/15/17
Previous Shear Date: 04/10/16
Total Fleece Wt (lbs): 0.00

Laboratory Data

Mean Fiber Diameter:	22.5 microns	Mean Staple Length:	109.6 mm
Standard Deviation:	4.7 microns	Length Standard Deviation:	4.3 mm
Coefficient of Variation:	20.9 %	Length Coefficient of Variation:	4.0 %
Spin Fineness:	21.9 microns	Mean Curvature:	38.3 deg/mm
Fibers Greater Than 30 microns:	4.5 %	SD Curvature:	22.5 deg/mm
Comfort Factor:	95.5 %		



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