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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

High Country Alpacas, LLC/Mary Wilcox
3805 E Equestrian Trail
Phoenix AZ 85044-3008

Date: 08/16/16
Shear ID: 124601
Test No: 929561

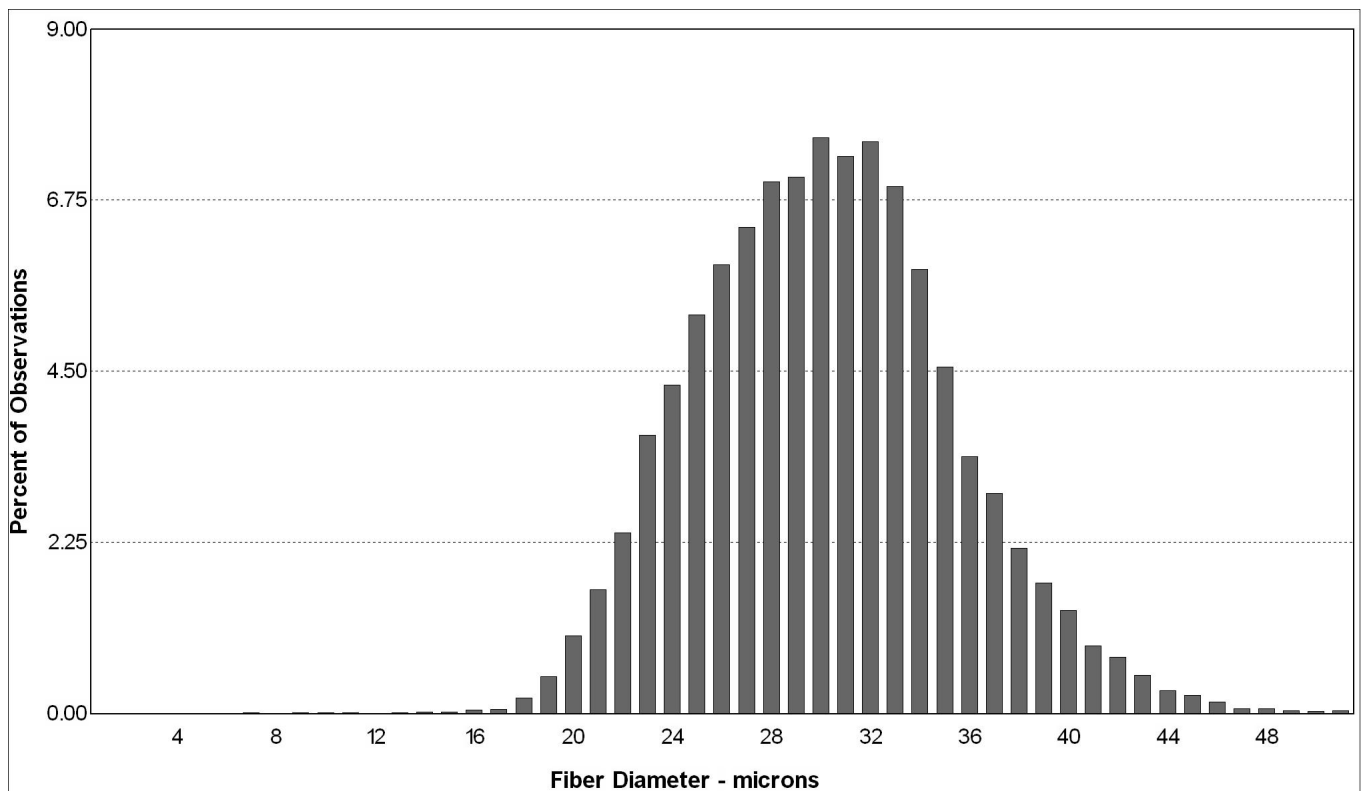
Animal and Sample Description

Animal Name: HCA Echo's Summer Rayne
ARI #: 32657623
Breed: Alpaca(Suri)
Sex: Female
Color: Lt Fawn

Date of Birth (Age): 07/29/13
Sample Location: Side
Sample Date: 05/08/16
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 7.40

Laboratory Data

Mean Fiber Diameter:	30.3 microns	Mean Staple Length:	167.8 mm
Standard Deviation:	5.4 microns	Length Standard Deviation:	6.2 mm
Coefficient of Variation:	17.7 %	Length Coefficient of Variation:	3.7 %
Spin Fineness:	28.7 microns	Mean Curvature:	10.9 deg/mm
Fibers Greater Than 30 microns:	47.0 %	SD Curvature:	10.2 deg/mm
Comfort Factor:	53.0 %		



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