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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: 124608
Test No: 929574

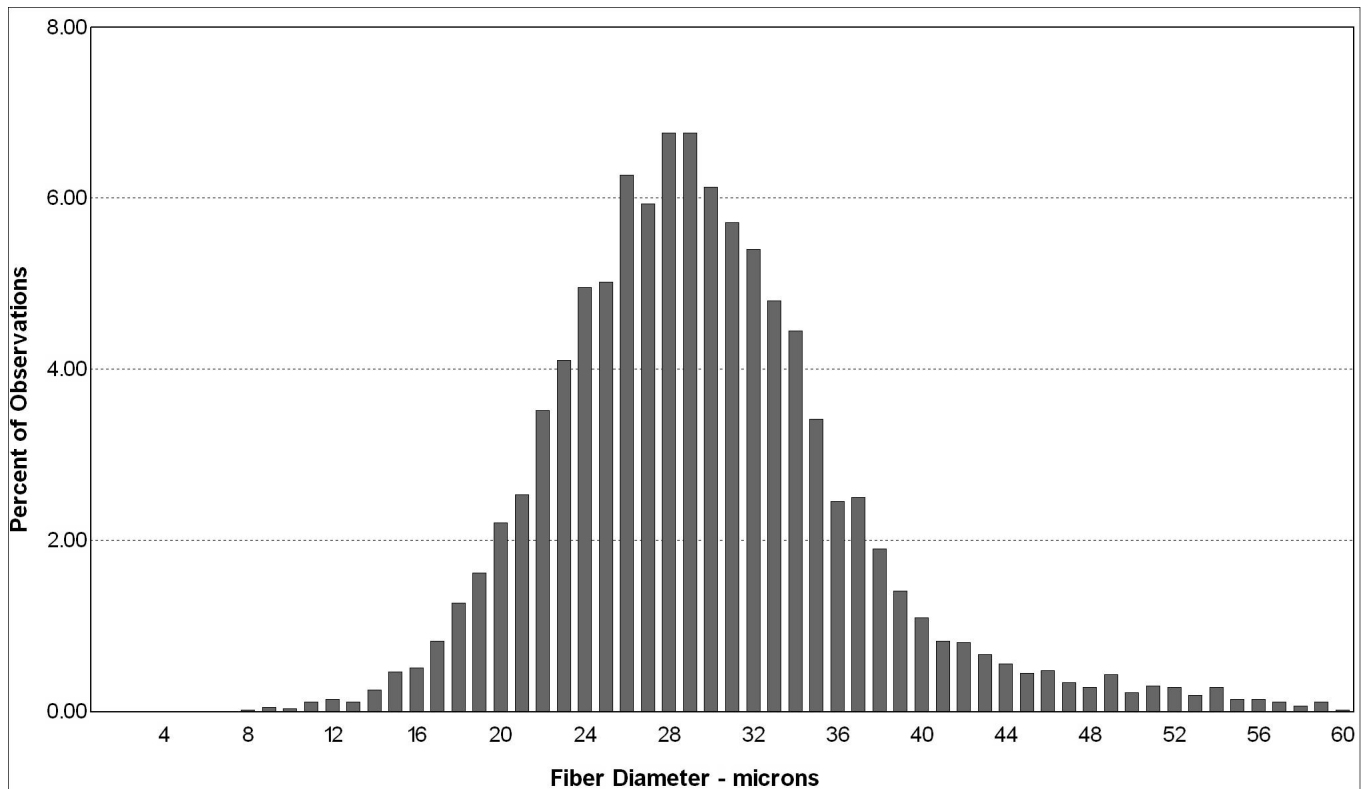
Animal and Sample Description

Animal Name: HCA Smokin Cinder
ARI #: 35261261
Breed: Alpaca(Suri)
Sex: Male
Color: Bay Black

Date of Birth (Age): 06/04/15
Sample Location: Side
Sample Date: 05/08/16
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 4.20

Laboratory Data

Mean Fiber Diameter:	29.8 microns	Mean Staple Length:	165.2 mm
Standard Deviation:	7.7 microns	Length Standard Deviation:	7.7 mm
Coefficient of Variation:	25.7 %	Length Coefficient of Variation:	4.6 %
Spin Fineness:	30.3 microns	Mean Curvature:	9.3 deg/mm
Fibers Greater Than 30 microns:	40.4 %	SD Curvature:	9.1 deg/mm
Comfort Factor:	59.6 %		



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