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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

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

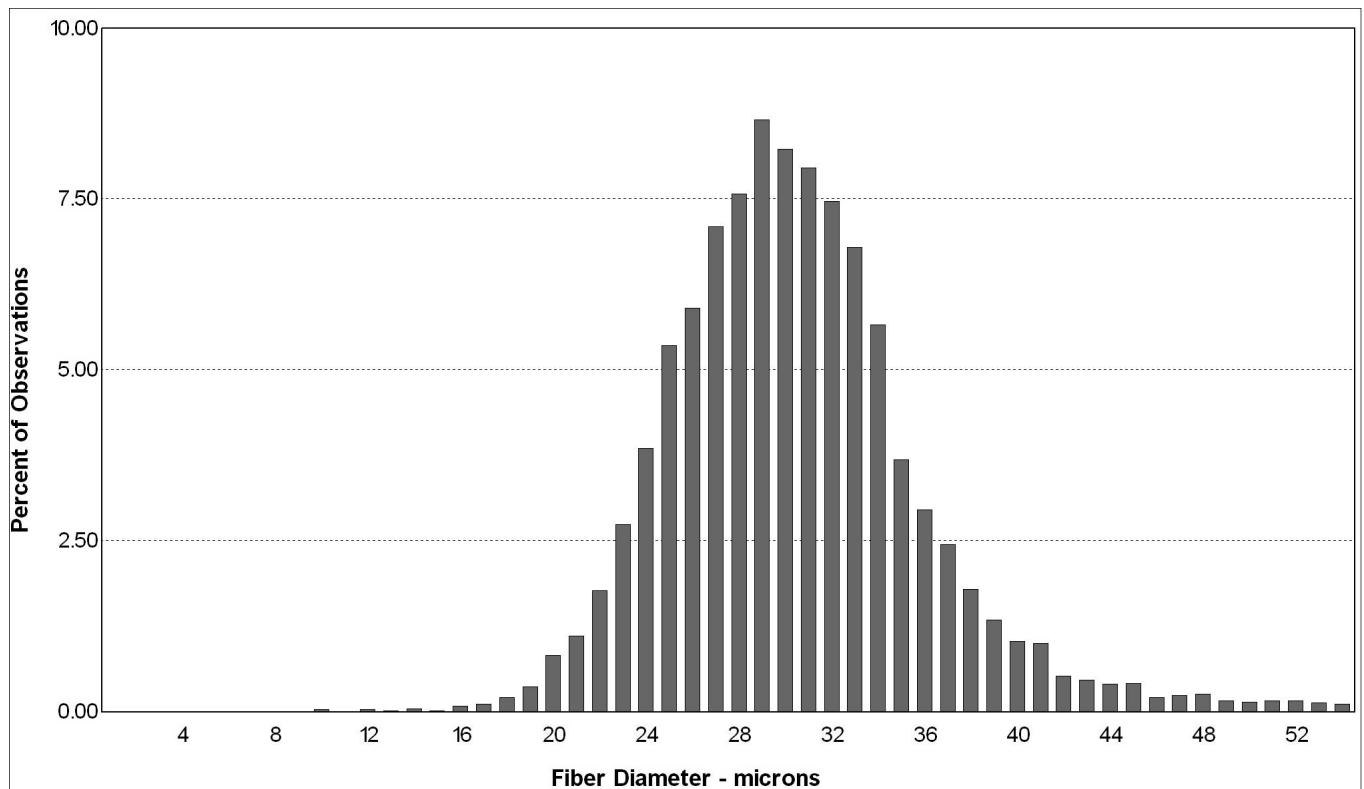
Date: 07/30/18
Shear ID: 171530
Test No: 965159

Animal and Sample Description

Animal Name:	HCA Phantom's Storm	Date of Birth (Age):	06/13/15
ARI #:	35261278	Sample Location:	Side
Breed:	Alpaca(Suri)	Sample Date:	05/18/18
Sex:	Female	Previous Shear Date:	05/13/17
Color:	Dark Brown	Total Fleece Wt (lbs):	6.10

Laboratory Data

Mean Fiber Diameter:	30.6 microns	Mean Staple Length:	150.2 mm
Standard Deviation:	5.9 microns	Length Standard Deviation:	1.9 mm
Coefficient of Variation:	19.3 %	Length Coefficient of Variation:	1.3 %
Spin Fineness:	29.3 microns	Mean Curvature:	7.7 deg/mm
Fibers Greater Than 30 microns:	46.0 %	SD Curvature:	8.4 deg/mm
Comfort Factor:	54.0 %		



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