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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Gates Alpaca Ranch/Andrew & Kristina Gates
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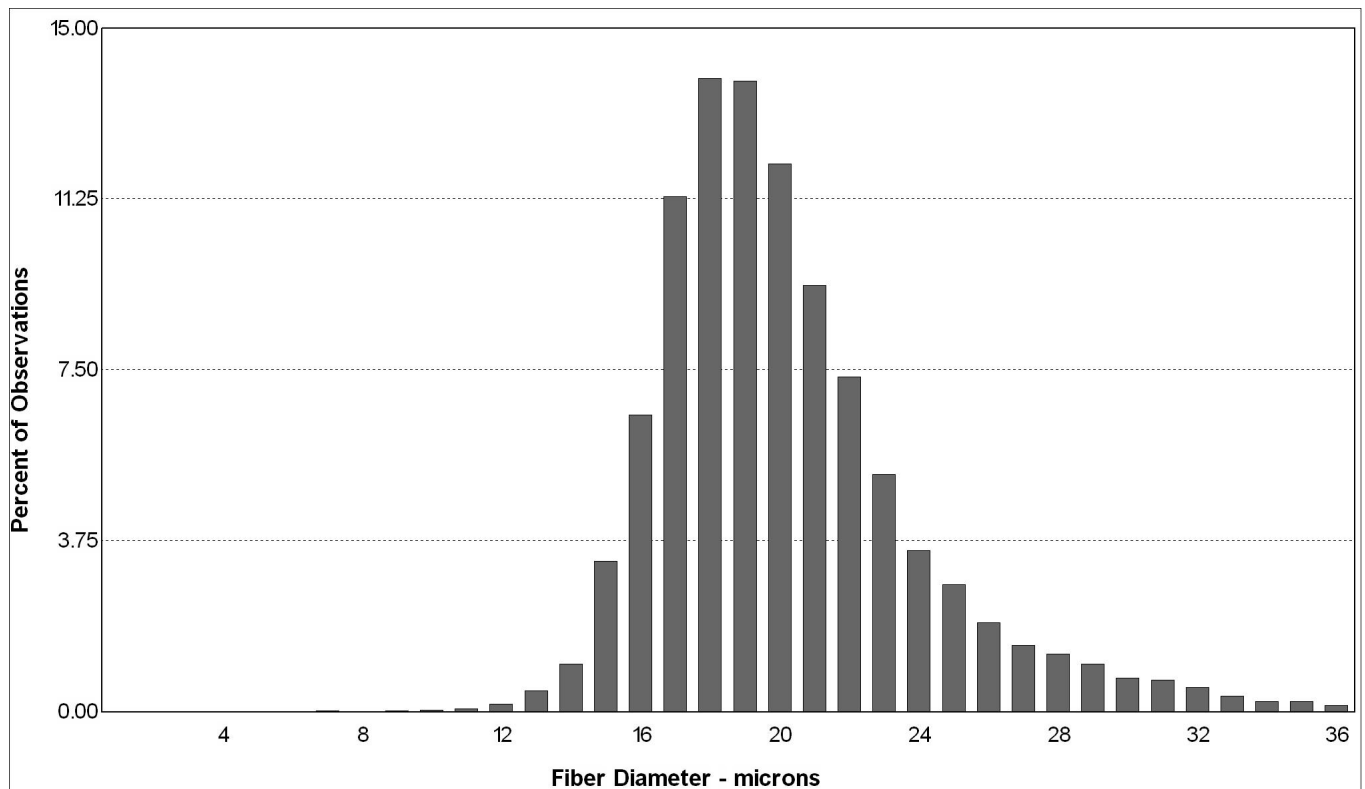
Date: 07/22/17
Shear ID: 144065
Test No: 945635

Animal and Sample Description

Animal Name:	RDWD Juggernaut's Peruvian Princess	Date of Birth (Age):	06/24/10
ARI #:	31872447	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	05/16/17
Sex:	Female	Previous Shear Date:	05/14/16
Color:	Lt Brown	Total Fleece Wt (lbs):	4.80

Laboratory Data

Mean Fiber Diameter:	20.3 microns	Mean Staple Length:	63.0 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	2.5 mm
Coefficient of Variation:	20.6 %	Length Coefficient of Variation:	3.9 %
Spin Fineness:	19.7 microns	Mean Curvature:	42.6 deg/mm
Fibers Greater Than 30 microns:	2.7 %	SD Curvature:	27.3 deg/mm
Comfort Factor:	97.3 %		



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