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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rancho Inca Alpacas/Bill Beranek
2677 County Road 310
Navasota TX 77868-8344

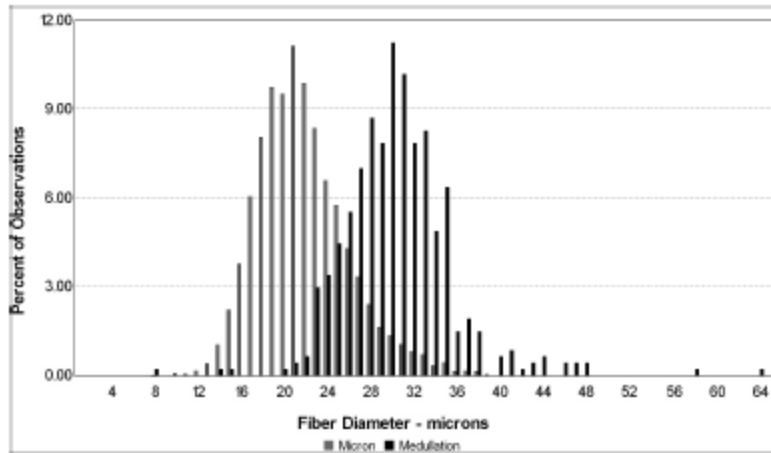
Date: 08/29/17
Shear ID: 149853
Test No: 949765

Animal and Sample Description

Animal Name:	WRRA Peruvian Susquehanna	Date of Birth (Age):	05/31/06
ARI #:	30417755	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	04/15/17
Sex:	Female	Previous Shear Date:	04/15/16
Color:	White	Total Fleeces Wt (lbs):	3.40

Laboratory Data

Mean Fiber Diameter:	21.8 microns	Mean Staple Length:	45.0 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	2.7 mm
Coefficient of Variation:	20.2 %	Length Coefficient of Variation:	6.1 %
Spin Fineness:	21.1 microns	Mean Curvature:	41.6 deg/mm
Fibers Greater Than 30 microns:	4.2 %	SD Curvature:	26.6 deg/mm
Comfort Factor:	95.8 %	Medullated Fibers:	6.0 %



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