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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rancho Inca Alpacas/Bill Beranek
2877 County Road 310
Navasota TX 77868-8344

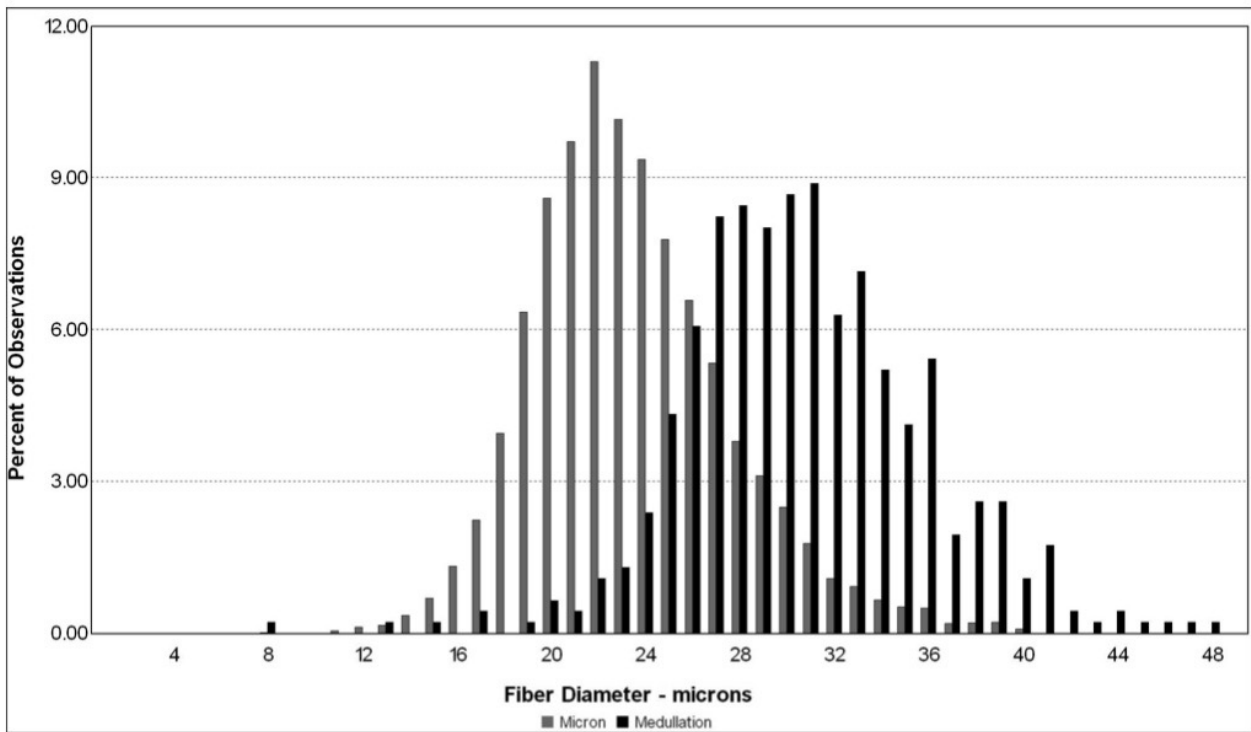
Date: 09/04/19
Shear ID: 192075
Test No: 981433

Animal and Sample Description

Animal Name: High Plains Tornado's Torrific	Date of Birth (Age): 07/05/14
ARI #: 35267645	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/13/19
Sex: Male	Previous Shear Date: 06/23/18
Color: Beige	Total Fleece Wt (lbs): 5.50

Laboratory Data

Mean Fiber Diameter: 23.5 microns	Mean Staple Length: 68.4 mm
Standard Deviation: 4.3 microns	Length Standard Deviation: 3.2 mm
Coefficient of Variation: 18.5 %	Length Coefficient of Variation: 4.7 %
Spin Fineness: 22.4 microns	Mean Curvature: 42.1 deg/mm
Fibers Greater Than 30 microns: 6.4 %	SD Curvature: 21.7 deg/mm
Comfort Factor: 93.6 %	Medullated Fibers: 6.2 %



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