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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Hasselbring's Harmony Ranch/Patty Hasselbring
29049 Davis Road
Concordia MO 64020 USA

Date: 09/03/19
Shear ID: 186117
Test No: 980551

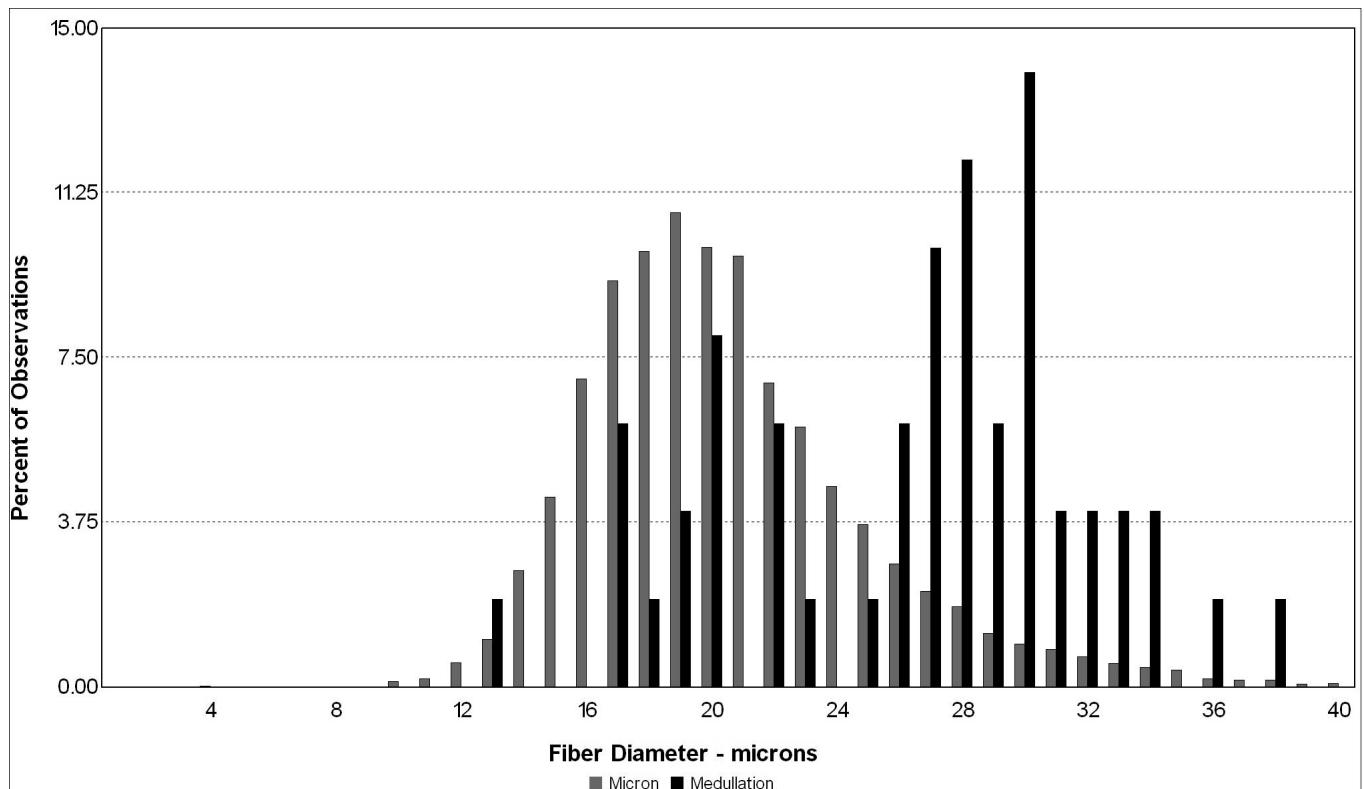
Animal and Sample Description

Animal Name: Tikanui's Sierra Macho of Harmony
ARI #: 35373476
Breed: Alpaca(Suri)
Sex: Male
Color: White

Date of Birth (Age): 05/02/17
Sample Location: Side
Sample Date: 05/15/19
Previous Shear Date: 05/21/18
Total Fleece Wt (lbs): 6.90

Laboratory Data

Mean Fiber Diameter:	20.7 microns	Mean Staple Length:	165.8 mm
Standard Deviation:	5.0 microns	Length Standard Deviation:	3.7 mm
Coefficient of Variation:	24.1 %	Length Coefficient of Variation:	2.2 %
Spin Fineness:	20.7 microns	Mean Curvature:	10.5 deg/mm
Fibers Greater Than 30 microns:	4.2 %	SD Curvature:	13.0 deg/mm
Comfort Factor:	95.8 %	Medullated Fibers:	0.6 %



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