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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

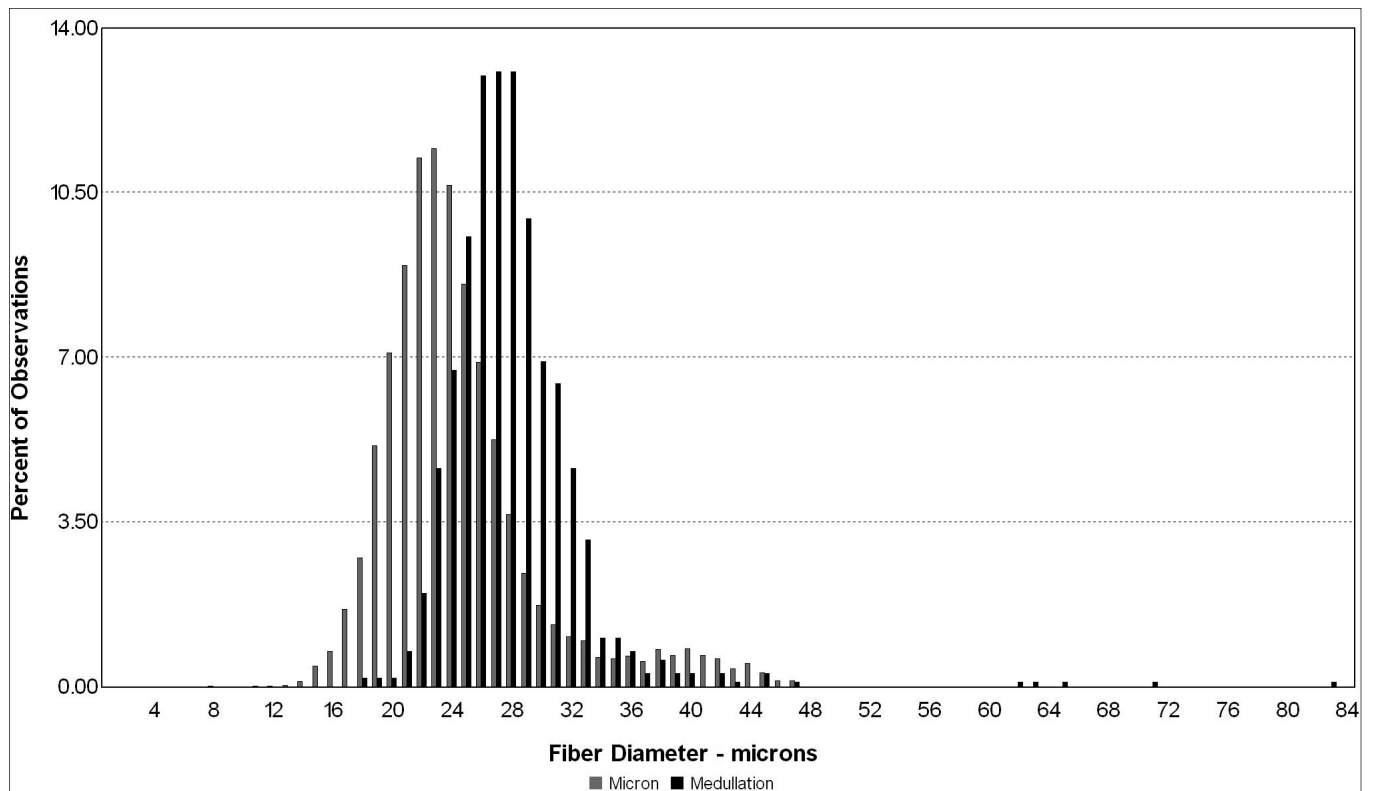
Date: 09/03/19
Shear ID: 186112
Test No: 980547

Animal and Sample Description

Animal Name:	Andretti's Mercury of Harmony	Date of Birth (Age):	09/06/16
ARI #:	35082620	Sample Location:	Side
Breed:	Alpaca(Suri)	Sample Date:	05/15/19
Sex:	Male	Previous Shear Date:	05/21/18
Color:	White	Total Fleece Wt (lbs):	6.20

Laboratory Data

Mean Fiber Diameter:	24.7 microns	Mean Staple Length:	164.2 mm
Standard Deviation:	5.7 microns	Length Standard Deviation:	7.2 mm
Coefficient of Variation:	23.2 %	Length Coefficient of Variation:	4.4 %
Spin Fineness:	24.5 microns	Mean Curvature:	10.0 deg/mm
Fibers Greater Than 30 microns:	11.2 %	SD Curvature:	17.9 deg/mm
Comfort Factor:	88.8 %	Medullated Fibers:	11.8 %



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