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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

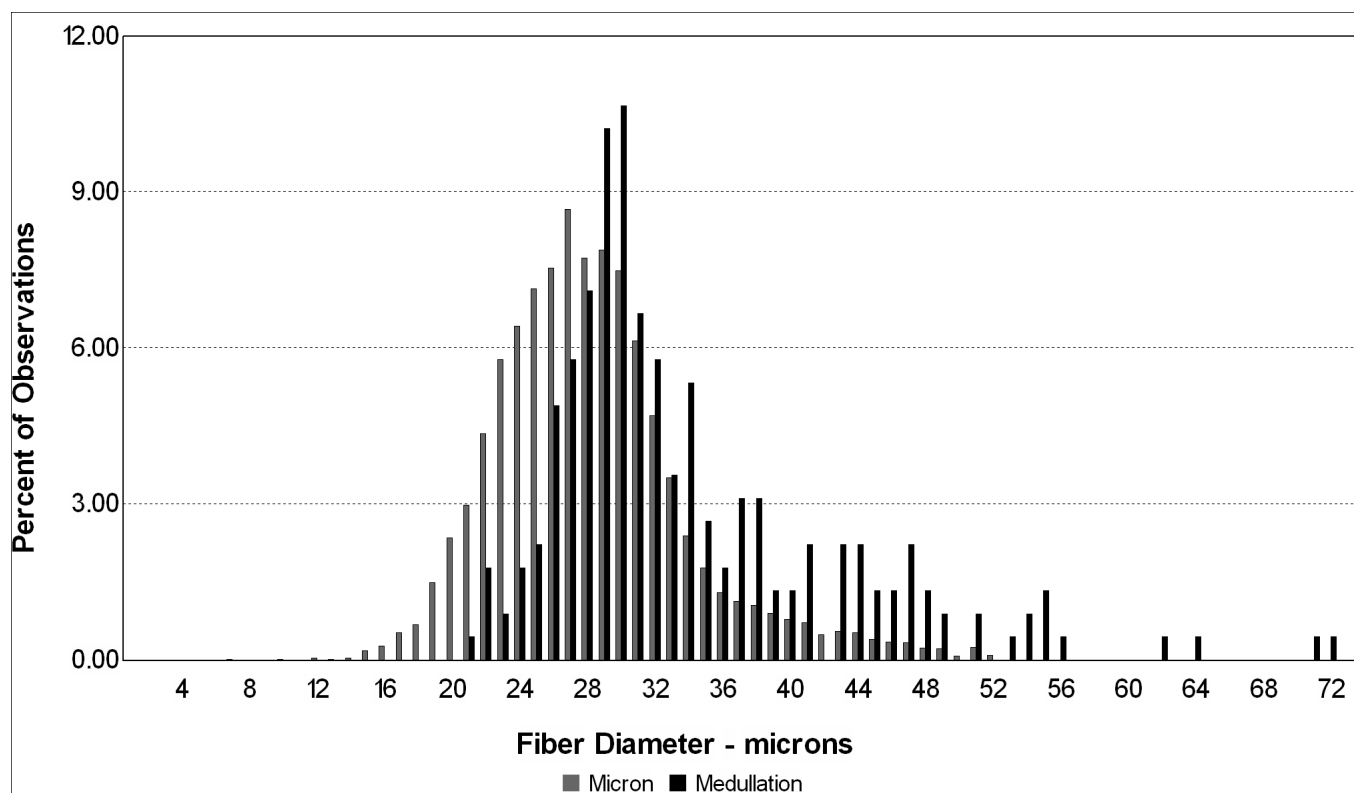
Date: 08/11/17
Shear ID: 145126
Test No: 946864

Animal and Sample Description

Animal Name:	Arappaho's Bright Charm of Harmony	Date of Birth (Age):	10/02/12
ARI #:	32630695	Sample Location:	Side
Breed:	Alpaca(Suri)	Sample Date:	05/19/17
Sex:	Female	Previous Shear Date:	05/21/16
Color:	Beige	Total Fleece Wt (lbs):	4.70

Laboratory Data

Mean Fiber Diameter:	28.4 microns	Mean Staple Length:	149.4 mm
Standard Deviation:	6.1 microns	Length Standard Deviation:	4.9 mm
Coefficient of Variation:	21.4 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	27.7 microns	Mean Curvature:	8.1 deg/mm
Fibers Greater Than 30 microns:	28.3 %	SD Curvature:	10.2 deg/mm
Comfort Factor:	71.7 %	Medullated Fibers:	3.2 %



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