Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

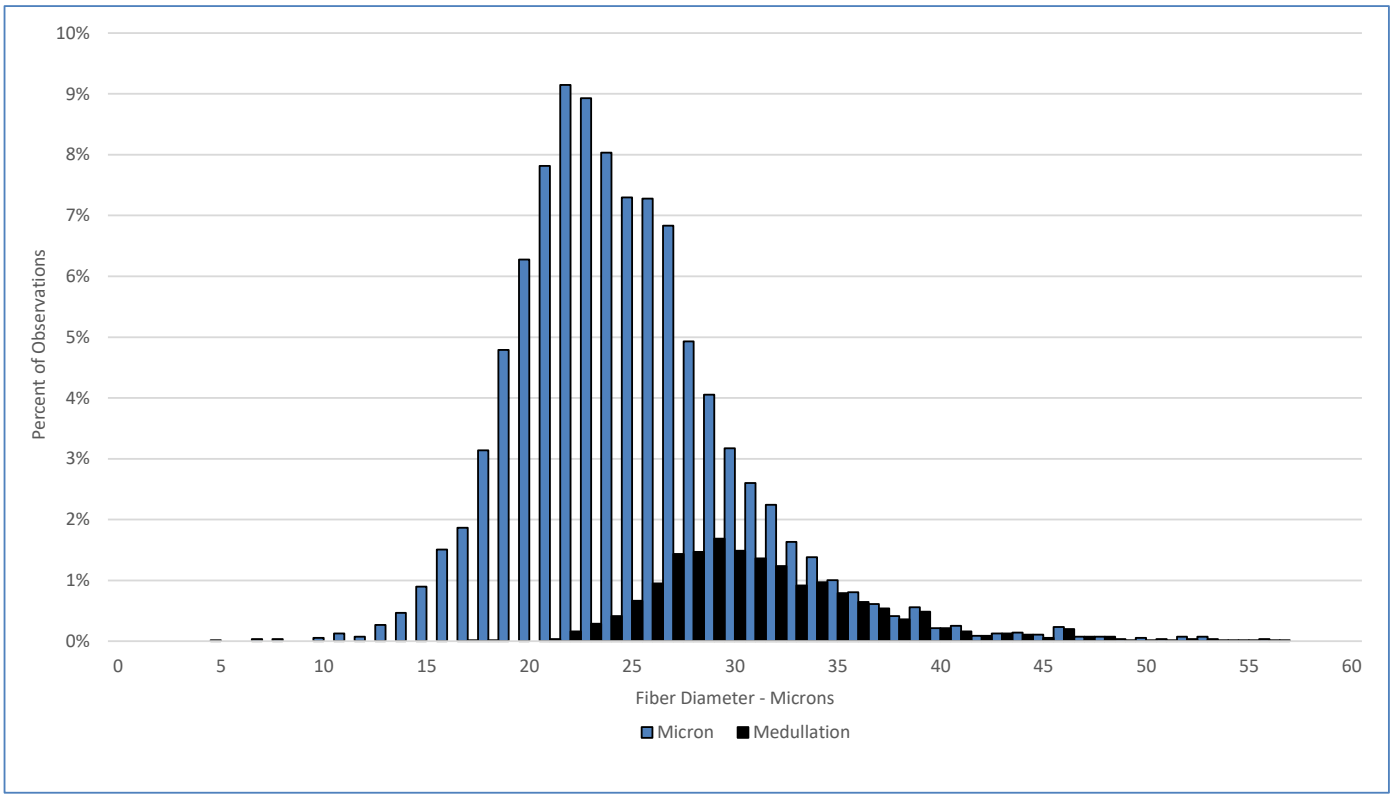
Date: 22-May-26
Shear ID: 281412
Test No: 626188

Animal and Sample Description

Animal Name:	Sawdust's Garryana	Date of Birth (Age):	15-Feb-19
Registry #:	35577225	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	100 - White	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	24.8 microns	Mean Staple Length:	92 mm
Standard Deviation:	5.6 microns	Length Standard Deviation:	2.2 mm
Coefficient of Variation:	22.6 %	Length Coefficient of Variation:	2.4 %
Spin Fineness:	24.5 microns	Mean Curvature:	40.4 deg/mm
Fibers Greater Than 30 microns:	13.0 %	SD Curvature:	35.2 deg/mm
Comfort Factor:	87.0 %	Medullated Fibers:	17.2 %



The OFDA100 base cut method minimizes the effects of environmental variability and provides more accurate comparisons of genetic capability. Average staple length is determined from multiple staples measured using a calibrated electronic length instrument, and is important for managing yarn processing outcomes.

Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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