Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

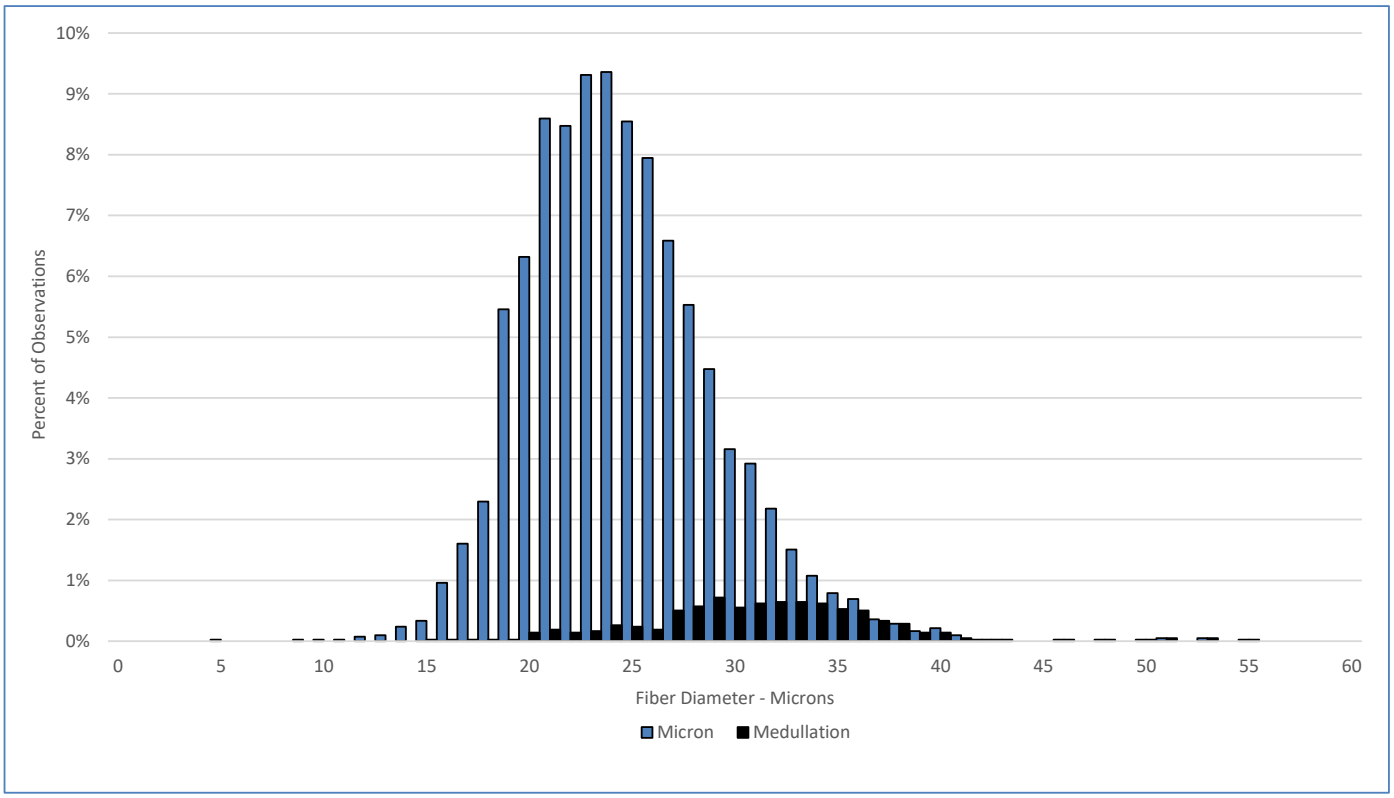
Date: 22-May-26
Shear ID: 281397
Test No: 626173

Animal and Sample Description

Animal Name:	BRM's Queen of Diamonds	Date of Birth (Age):	12-Jun-19
Registry #:	35467328	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	
Colour:	100 - White	Total Fleece Wt (lbs):	3.60

Laboratory Data

Mean Fiber Diameter:	24.6 microns	Mean Staple Length:	74 mm
Standard Deviation:	4.6 microns	Length Standard Deviation:	1.7 mm
Coefficient of Variation:	18.8 %	Length Coefficient of Variation:	2.3 %
Spin Fineness:	23.5 microns	Mean Curvature:	44.3 deg/mm
Fibers Greater Than 30 microns:	10.5 %	SD Curvature:	34.6 deg/mm
Comfort Factor:	89.5 %	Medullated Fibers:	8.6 %



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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