Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

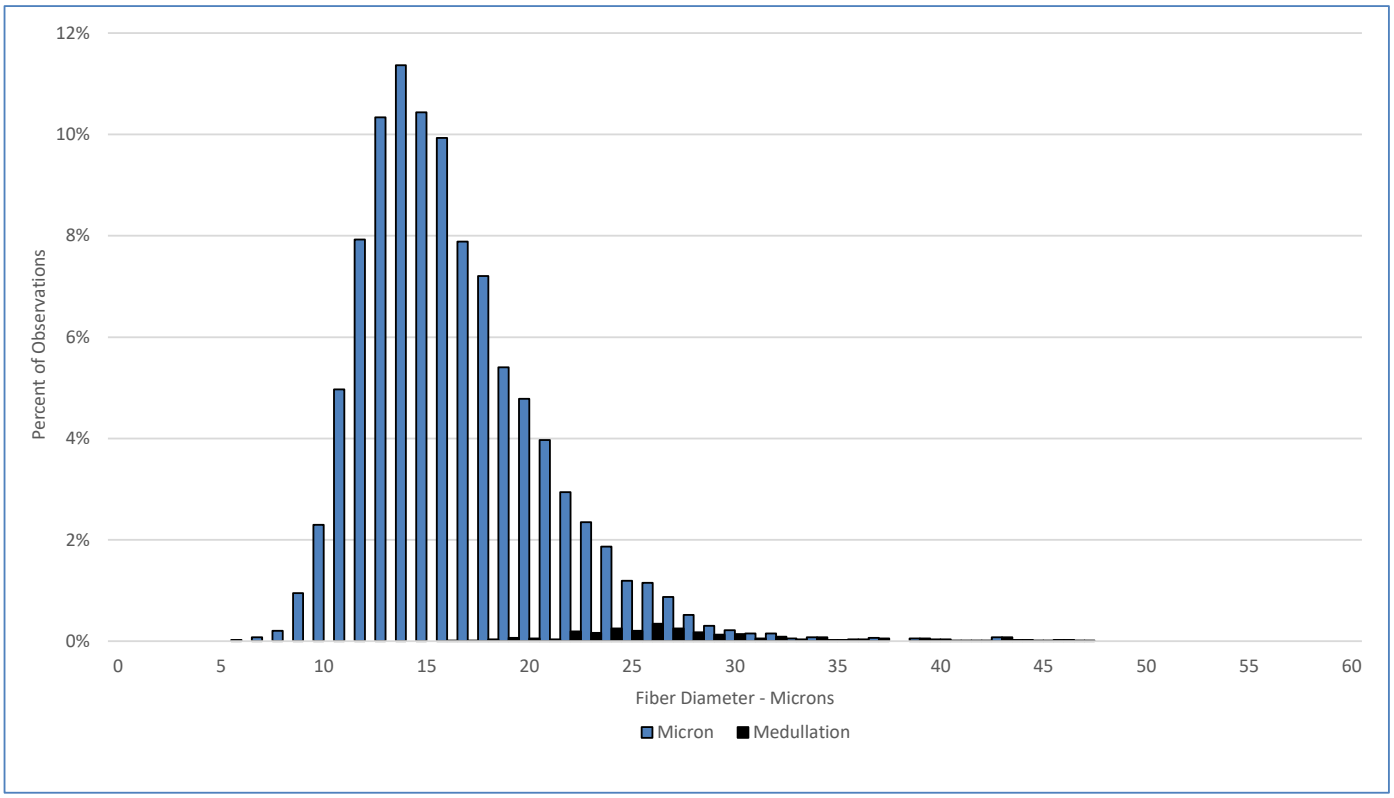
Cedar & Sage Alpacas		Date:	20-Aug-26
1892 Grace St. Dubuque		Shear ID:	283351
IA 52001-6038, US		Test No:	628327

Animal and Sample Description

Animal Name:	Danny Boy of Cedar&Sage	Date of Birth (Age):	25-May-25
Registry #:	36289295	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Male	Previous Shear Date:	29-Jun-25
Colour:	100 - White	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	16.4 microns	Mean Staple Length:	106 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	7.9 mm
Coefficient of Variation:	27.0 %	Length Coefficient of Variation:	7.4 %
Spin Fineness:	16.9 microns	Mean Curvature:	57.5 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	41.1 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	2.7 %



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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