Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

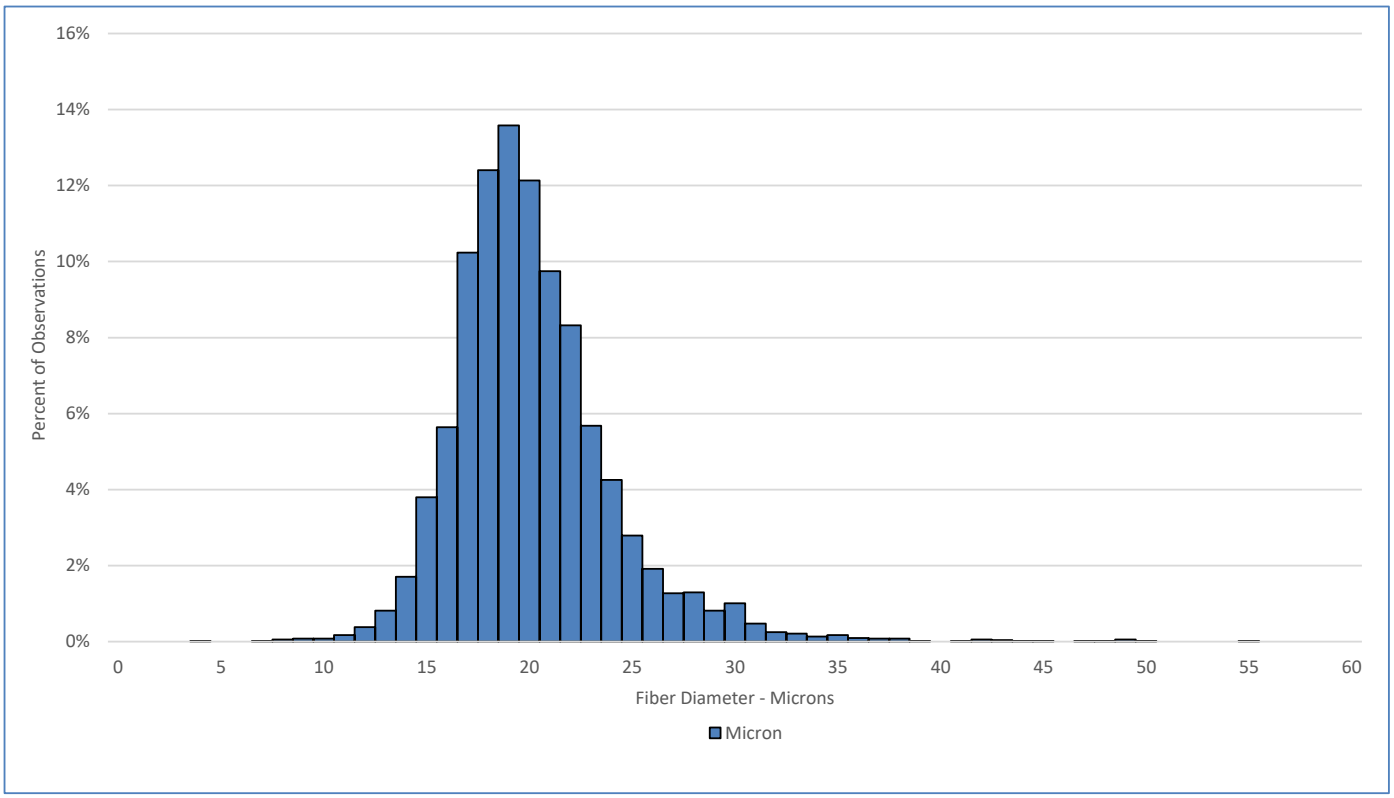
Cedar & Sage Alpacas		Date:	20-Aug-26
1892 Grace St. Dubuque		Shear ID:	283361
IA 52001-6038, US		Test No:	628337

Animal and Sample Description

Animal Name:	Kid Roc of Cedar&Sage	Date of Birth (Age):	22-May-25
Registry #:	36289271	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Male	Previous Shear Date:	29-Jun-25
Colour:	360 - Bay Black	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	20.2 microns	Mean Staple Length:	96 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	13.7 mm
Coefficient of Variation:	19.8 %	Length Coefficient of Variation:	14.3 %
Spin Fineness:	19.4 microns	Mean Curvature:	48.4 deg/mm
Fibers Greater Than 30 microns:	1.8 %	SD Curvature:	36.8 deg/mm
Comfort Factor:	98.2 %		



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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