Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Cedar & Sage Alpacas
1892 Grace St. Dubuque
IA 52001-6038, US

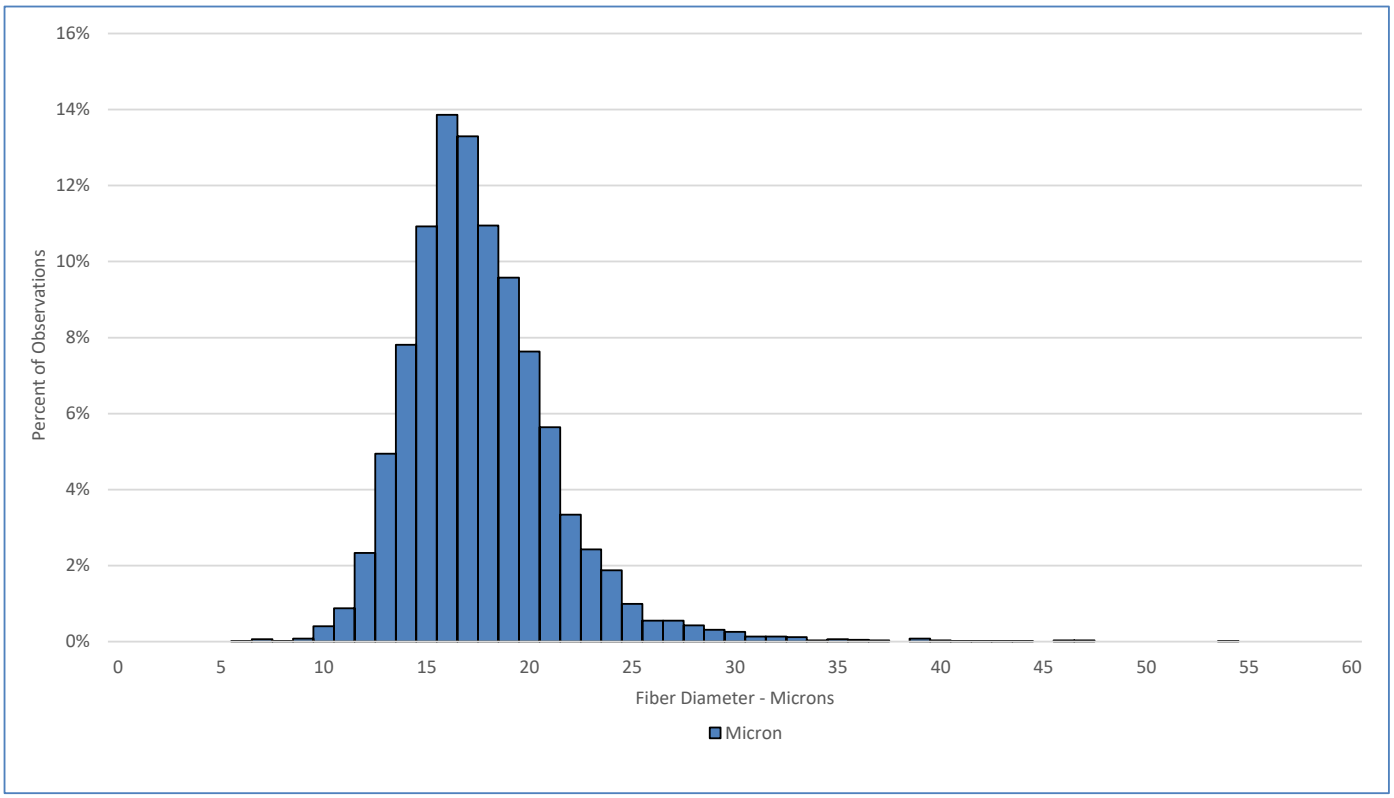
Date: 20-Aug-26
Shear ID: 283360
Test No: 628336

Animal and Sample Description

Animal Name:	Keystones Rushmore of Cedar&Sage	Date of Birth (Age):	10-Sep-25
Registry #:	36420810	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Male	Previous Shear Date:	28-Apr-26
Colour:	209 - Light Brown	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	17.7 microns	Mean Staple Length:	97 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	5.5 mm
Coefficient of Variation:	21.1 %	Length Coefficient of Variation:	5.7 %
Spin Fineness:	17.2 microns	Mean Curvature:	47.4 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	35.9 deg/mm
Comfort Factor:	99.2 %		



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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