Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Kraussdale Alpacas
5169 Kraussdale Rd, East Greenville
PA 18041, US

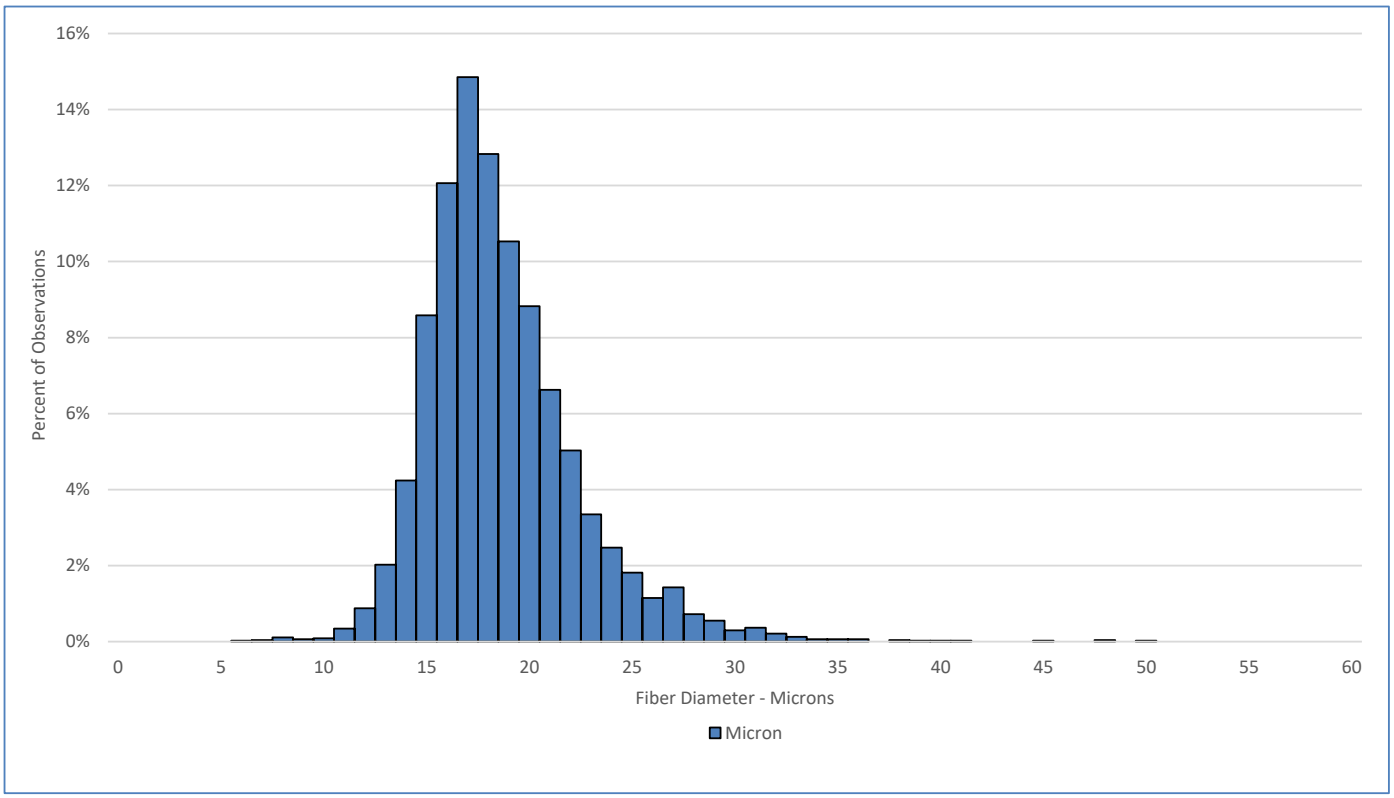
Date: 20-Aug-26
Shear ID: 285724
Test No: 628159

Animal and Sample Description

Animal Name:	Kraussdale Picante	Date of Birth (Age):	5-Aug-25
Registry #:	36301096	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	25-Apr-26
Sex:	Male	Previous Shear Date:	5-Aug-25
Colour:	301 - Medium Brown	Total Fleece Wt (lbs):	2.1

Laboratory Data

Mean Fiber Diameter:	18.7 microns	Mean Staple Length:	113 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	10.6 mm
Coefficient of Variation:	20.2 %	Length Coefficient of Variation:	9.4 %
Spin Fineness:	18.0 microns	Mean Curvature:	56.2 deg/mm
Fibers Greater Than 30 microns:	1.1 %	SD Curvature:	39.9 deg/mm
Comfort Factor:	98.9 %		



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