Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Alpacas At Holistic Farms
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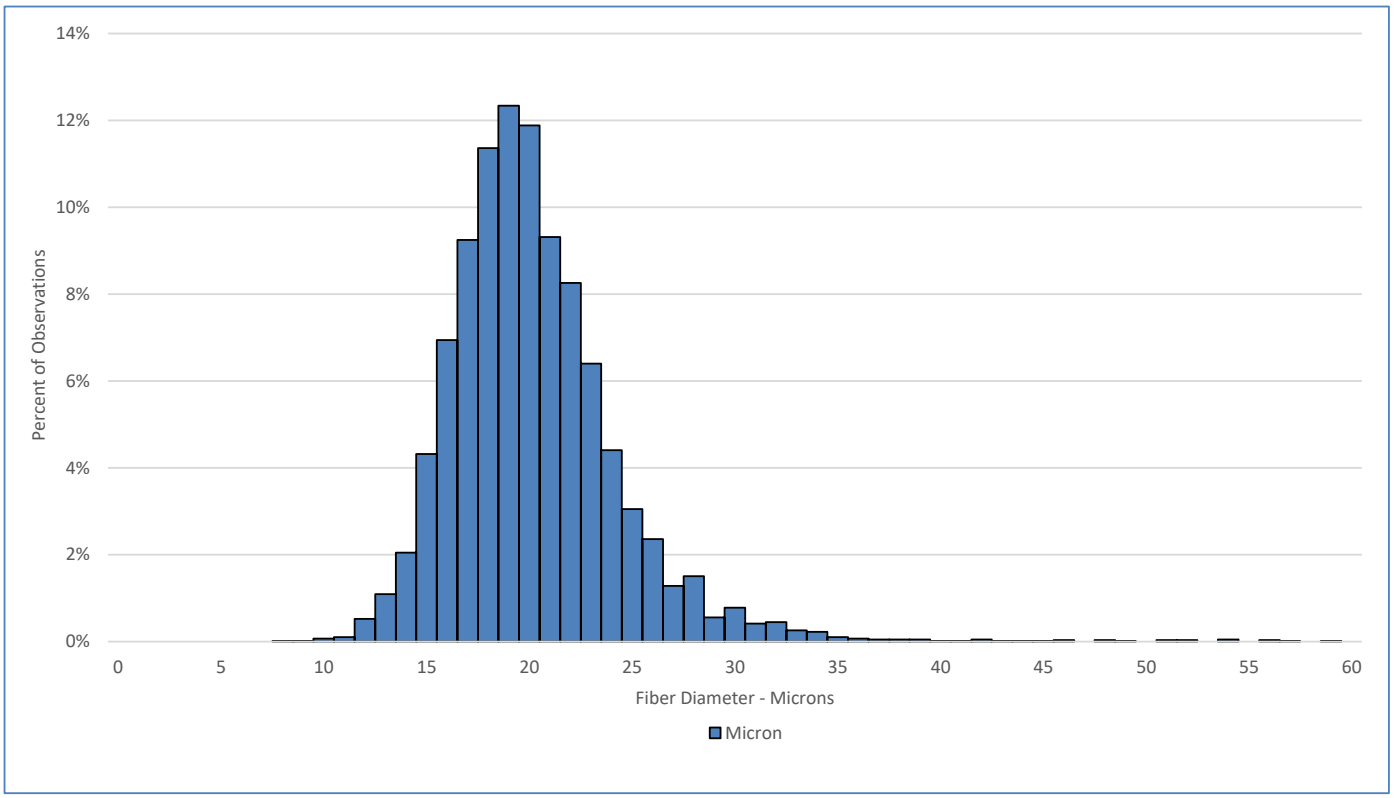
Date: 20-Jul-26
Shear ID: 282628
Test No: 627415

Animal and Sample Description

Animal Name:	Pine Valley's Conjuring Luxury	Date of Birth (Age):	2-Oct-25
Registry #:	36402427	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	12-May-26
Sex:	Female	Previous Shear Date:	
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	5.18

Laboratory Data

Mean Fiber Diameter:	20.2 microns	Mean Staple Length:	125 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	1.8 mm
Coefficient of Variation:	21.2 %	Length Coefficient of Variation:	1.4 %
Spin Fineness:	19.7 microns	Mean Curvature:	46.9 deg/mm
Fibers Greater Than 30 microns:	2.1 %	SD Curvature:	39.4 deg/mm
Comfort Factor:	97.9 %		



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

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