Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

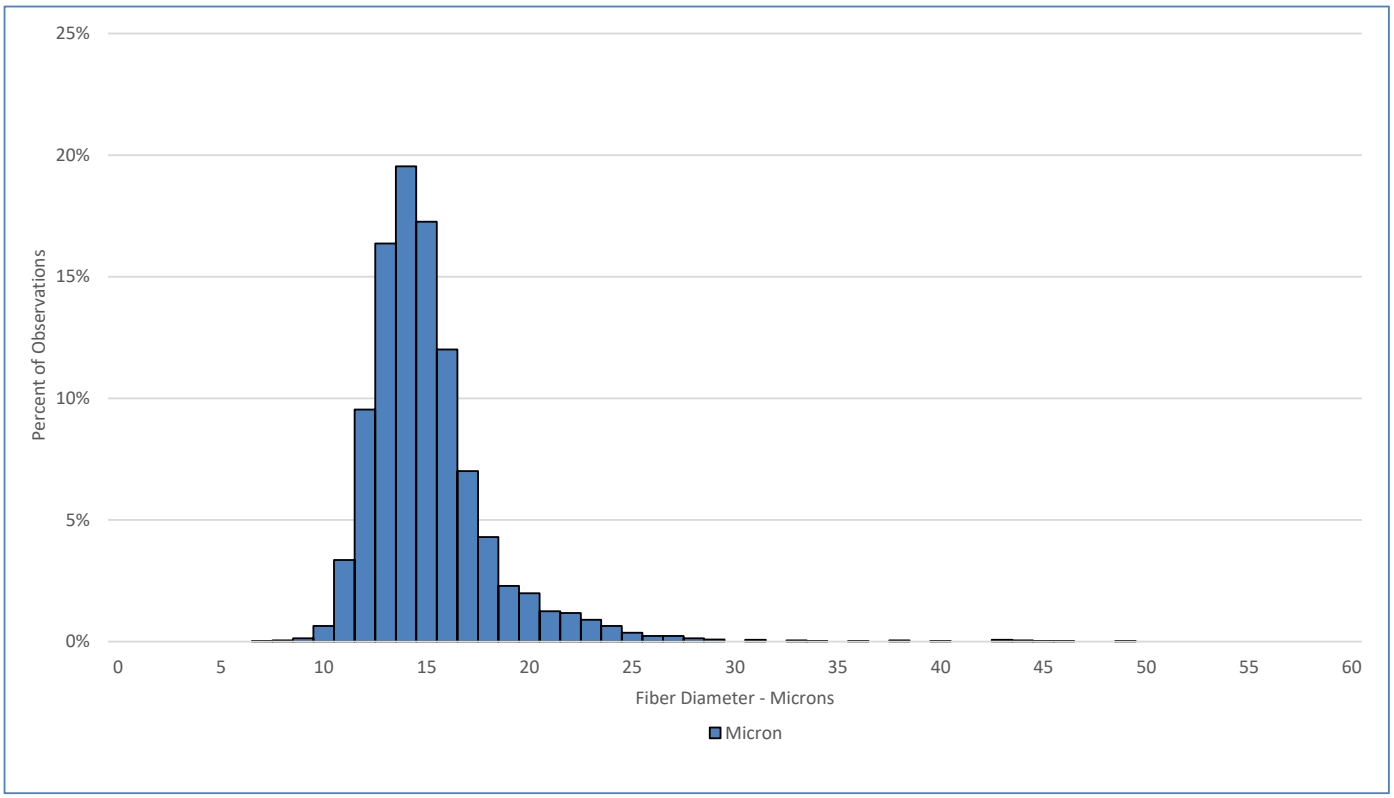
Red Granite Ranch	Date: 24-Aug-26
1021 Red Granite Ranch Rd, Livermore	Shear ID: 285321
CO 80536, US	Test No: 628520

Animal and Sample Description

Animal Name:	RED GRANITES MY LULLABY BY ALYDA	Date of Birth (Age):	25-Aug-24
Registry #:	36291274	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	5-Jun-26
Sex:	Female	Previous Shear Date:	31-May-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	5.6

Laboratory Data

Mean Fiber Diameter:	15.1 microns	Mean Staple Length:	78 mm
Standard Deviation:	3.2 microns	Length Standard Deviation:	4.9 mm
Coefficient of Variation:	21.2 %	Length Coefficient of Variation:	6.3 %
Spin Fineness:	14.7 microns	Mean Curvature:	69.2 deg/mm
Fibers Greater Than 30 microns:	0.4 %	SD Curvature:	44.4 deg/mm
Comfort Factor:	99.6 %		



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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The validity of this document may be confirmed by contacting the address shown below

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