Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

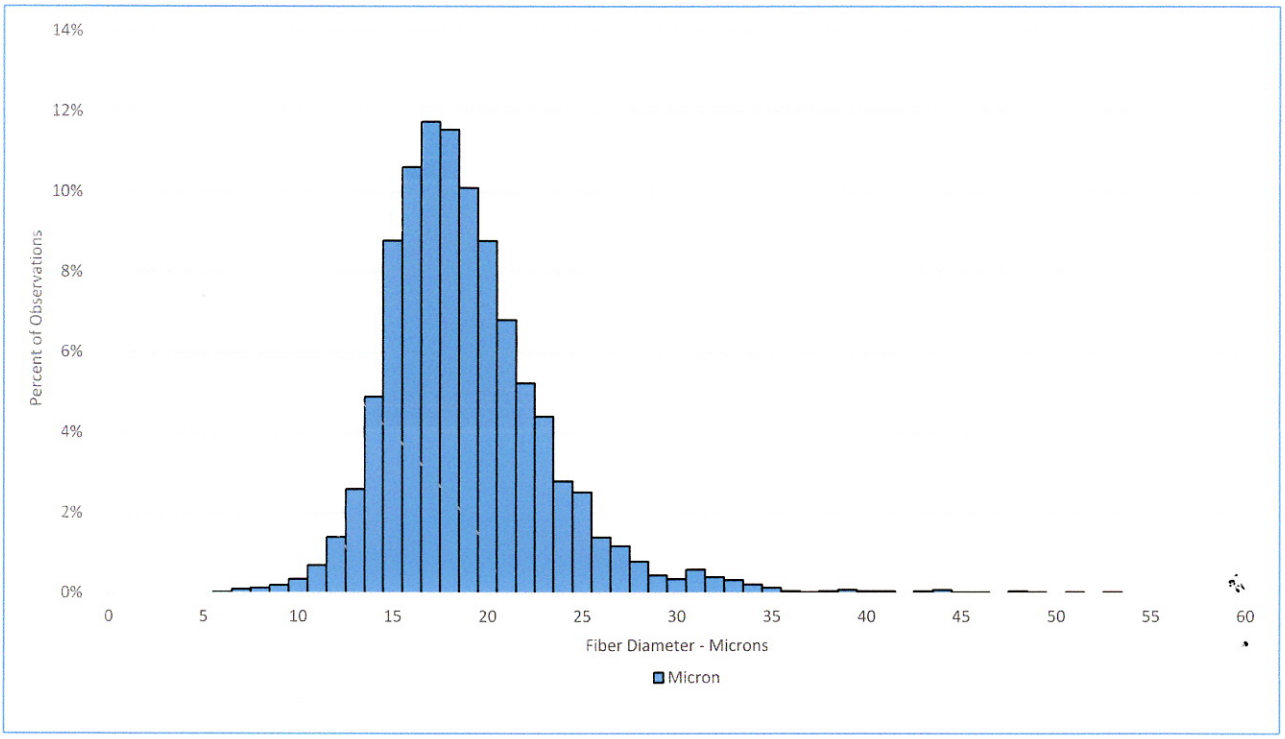
Crecent Moon Ranch	Date: 7-Aug-26
PO Box 600, 7566 N Hightwat 97	Shear ID: 284525
Terrebonne, OR 97760, US	Test No: 627726

Animal and Sample Description

Animal Name:	CRESCENT MOON's Imelda	Date of Birth (Age):	29-Jul-24
Registry #:	36368242	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	14-May-26
Sex:	Female	Previous Shear Date:	6-Jun-25
Colour:	209 - Light Brown	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	18.9 microns	Mean Staple Length:	87 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	23.3 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	18.8 microns	Mean Curvature:	50.4 deg/mm
Fibers Greater Than 30 microns:	2.2 %	SD Curvature:	36.9 deg/mm
Comfort Factor:	97.8 %		



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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