Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Red Granite Ranch
1021 Red Granite Ranch Rd, Livermore
CO 80536, US

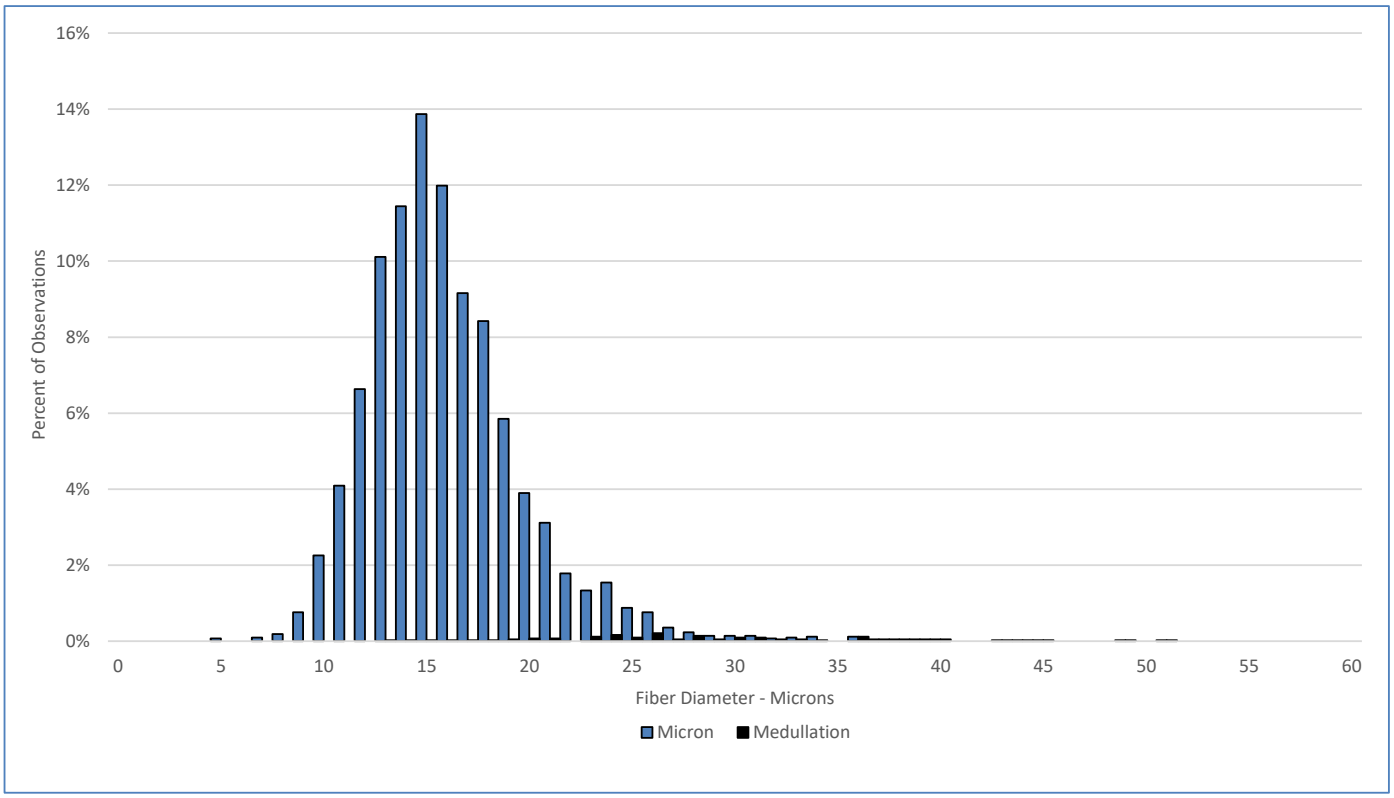
Date: 24-Aug-26
Shear ID: 285324
Test No: 628523

Animal and Sample Description

Animal Name:	RED GRANITES ODETTA	Date of Birth (Age):	7-Sep-25
Registry #:	36407255	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	5-Jun-26
Sex:	Female	Previous Shear Date:	7-Sep-25
Colour:	201 - Beige	Total Fleece Wt (lbs):	3.7

Laboratory Data

Mean Fiber Diameter:	16.1 microns	Mean Staple Length:	111 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	4.9 mm
Coefficient of Variation:	24.9 %	Length Coefficient of Variation:	4.4 %
Spin Fineness:	16.3 microns	Mean Curvature:	60.1 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	39.9 deg/mm
Comfort Factor:	99.1 %	Medullated Fibers:	1.9 %



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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