Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

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

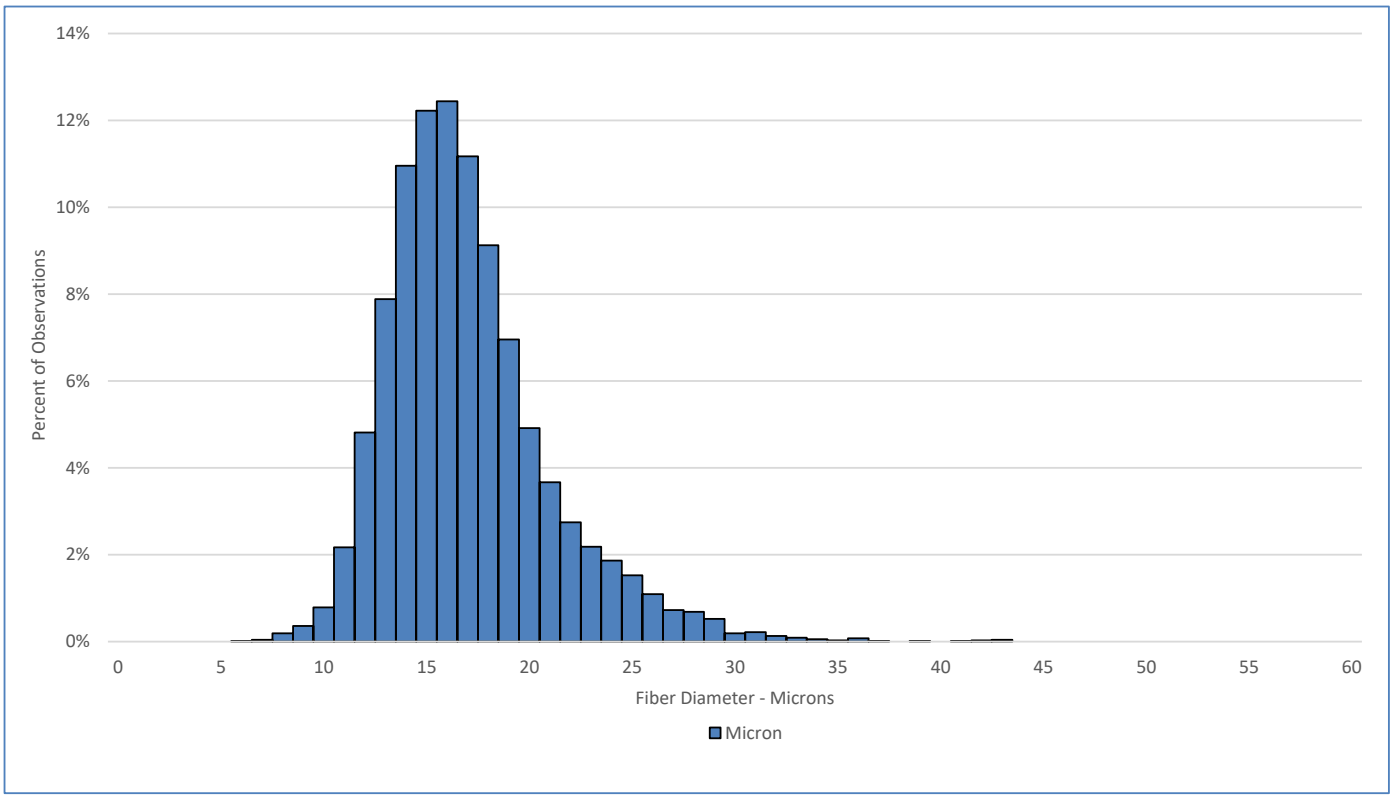
Date: 25-Aug-26
Shear ID: 285367
Test No: 628566

Animal and Sample Description

Animal Name:	RED GRANITES SMOKE N SWEET	Date of Birth (Age):	16-Aug-25
Registry #:	36291618	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	5-Jun-26
Sex:	Female	Previous Shear Date:	16-Aug-25
Colour:	205 - Dark Fawn	Total Fleece Wt (lbs):	3.7

Laboratory Data

Mean Fiber Diameter:	17.0 microns	Mean Staple Length:	70 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	4.4 mm
Coefficient of Variation:	24.5 %	Length Coefficient of Variation:	6.3 %
Spin Fineness:	17.1 microns	Mean Curvature:	54.3 deg/mm
Fibers Greater Than 30 microns:	0.7 %	SD Curvature:	39.8 deg/mm
Comfort Factor:	99.3 %		



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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