Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

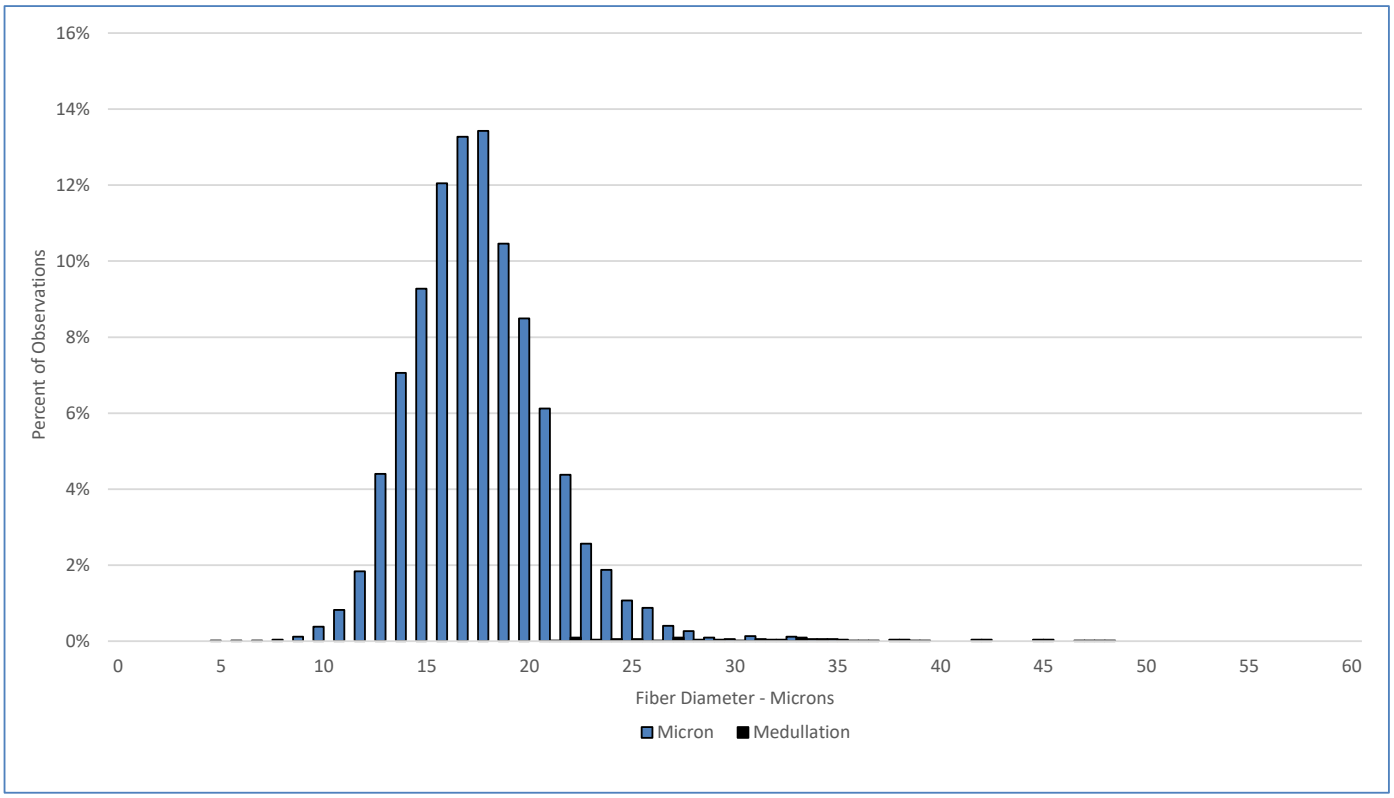
Date: 22-May-26
Shear ID: 281413
Test No: 626189

Animal and Sample Description

Animal Name:	Sawdust's Koa	Date of Birth (Age):	29-Jul-25
Registry #:	36290109	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	100 - White	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	17.8 microns	Mean Staple Length:	115 mm
Standard Deviation:	3.5 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	19.5 %	Length Coefficient of Variation:	3.5 %
Spin Fineness:	17.1 microns	Mean Curvature:	49.2 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	35.9 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	1.0 %



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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