Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

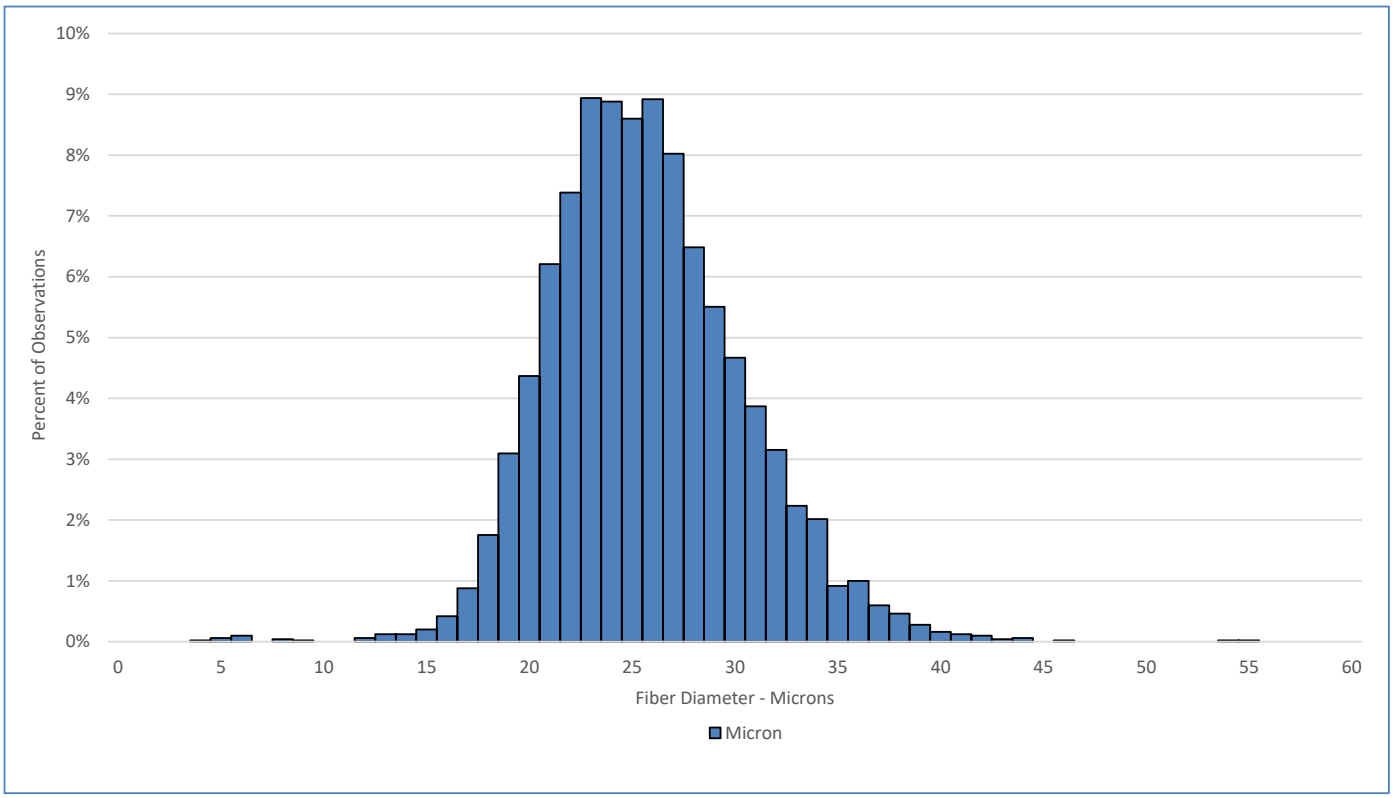
Date: 22-May-26
Shear ID: 281396
Test No: 626172

Animal and Sample Description

Animal Name:	A PACA FUN'S BLACK DALHIA	Date of Birth (Age):	21-Sep-16
Registry #:	35365549	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	500 - True Black	Total Fleece Wt (lbs):	3.20

Laboratory Data

Mean Fiber Diameter:	25.8 microns	Mean Staple Length:	76 mm
Standard Deviation:	5.0 microns	Length Standard Deviation:	2.6 mm
Coefficient of Variation:	19.6 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	24.8 microns	Mean Curvature:	43.0 deg/mm
Fibers Greater Than 30 microns:	15.1 %	SD Curvature:	33.2 deg/mm
Comfort Factor:	84.9 %		



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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