



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Fosters Trail Alpaca Farm
5749 N Lee Hwy, Cleveland
TN 37312, US

Date: 23-Sep-24
Shear ID: 267183
Test No: 621050

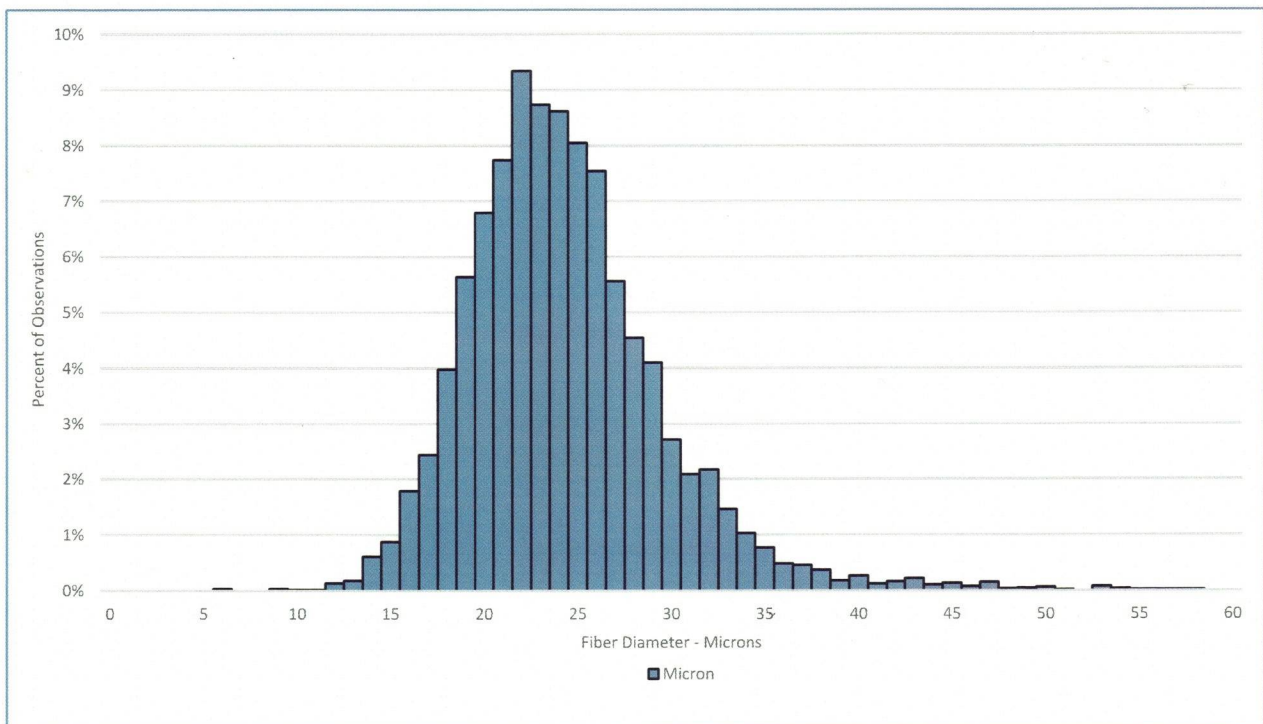
Animal and Sample Description

Animal Name: ALPACA PALACE's Midnight Blue Ivy
Registry #: 35460725
Breed: Huacaya
Sex: Female
Colour: 500 - True Black

Date of Birth (Age): 13-Nov-18
Sample Location: GRID
Sample Date: 29-Apr-24
Previous Shear Date: 2-May-23
Total Fleece Wt (lbs): 6.20

Laboratory Data

Mean Fiber Diameter:	24.3 microns	Mean Staple Length:	78 mm
Standard Deviation:	5.5 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	22.5 %	Length Coefficient of Variation:	5.3 %
Spin Fineness:	24.0 microns	Mean Curvature:	45.7 deg/mm
Fibers Greater Than 30 microns:	10.5 %	SD Curvature:	38.3 deg/mm
Comfort Factor:	89.5 %		



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

[SGS General Terms and Conditions](#)

The validity of this document may be confirmed by contacting the address shown below

SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com