



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Alpacas Bibar Ranch
8720 Moss Rock Rd, Colorado Springs
CO 80908, US

Date: 2-Oct-24
Shear ID: 264749
Test No: 621400

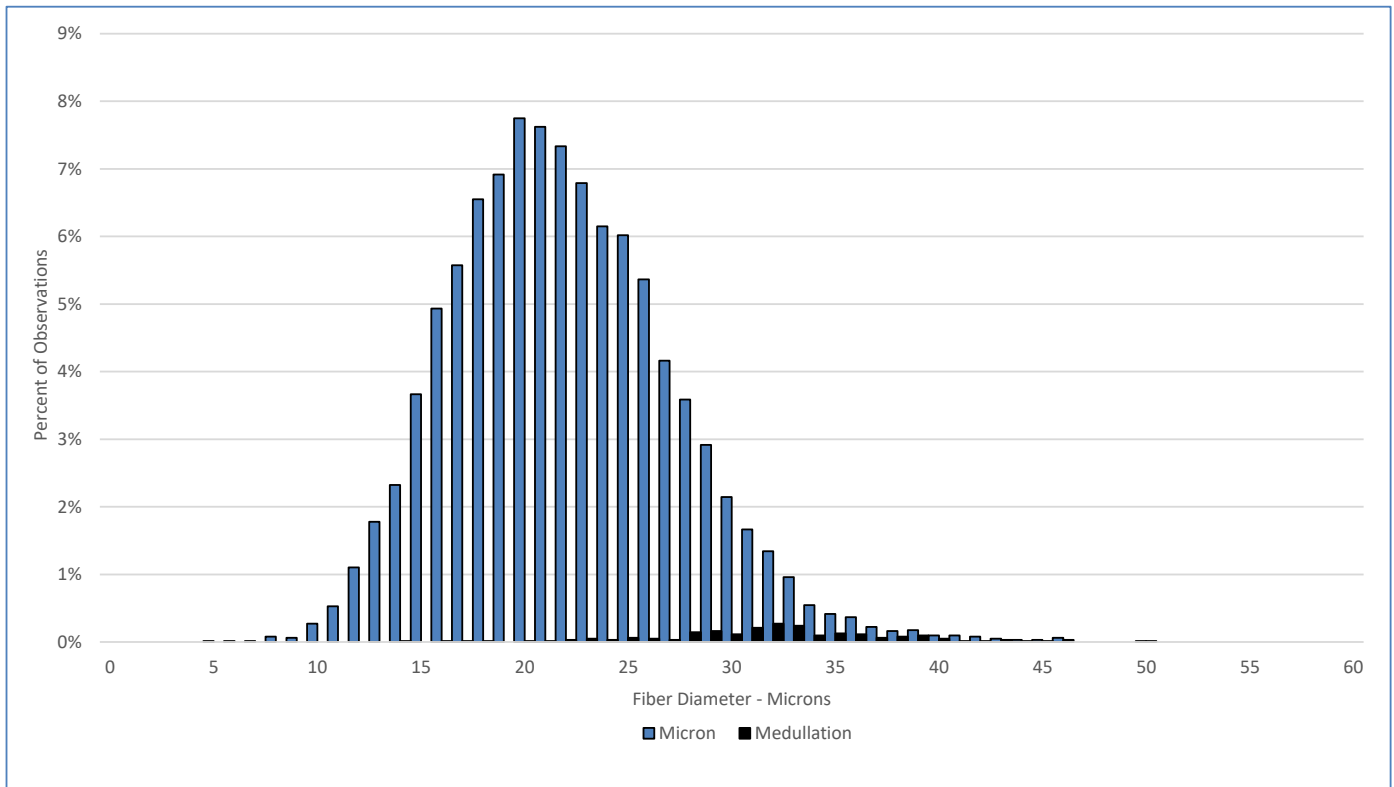
Animal and Sample Description

Animal Name: BIR's Calamity
Registry #: 35379546
Breed: Suri
Sex: Female
Colour: 202 - Light Fawn

Date of Birth (Age): 2-Aug-18
Sample Location: GRID
Sample Date: 8-Jun-24
Previous Shear Date: 22-Jun-23
Total Fleece Wt (lbs):

Laboratory Data

| | | | |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter: | 22.0 microns | Mean Staple Length: | 128 mm |
| Standard Deviation: | 5.4 microns | Length Standard Deviation: | 5.4 mm |
| Coefficient of Variation: | 24.4 % | Length Coefficient of Variation: | 4.2 % |
| Spin Fineness: | 22.1 microns | Mean Curvature: | 26.6 deg/mm |
| Fibers Greater Than 30 microns: | 6.3 % | SD Curvature: | 29.4 deg/mm |
| Comfort Factor: | 93.7 % | Medullated Fibers: | 2.3 % |



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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