



## 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: 264754  
Test No: 621405

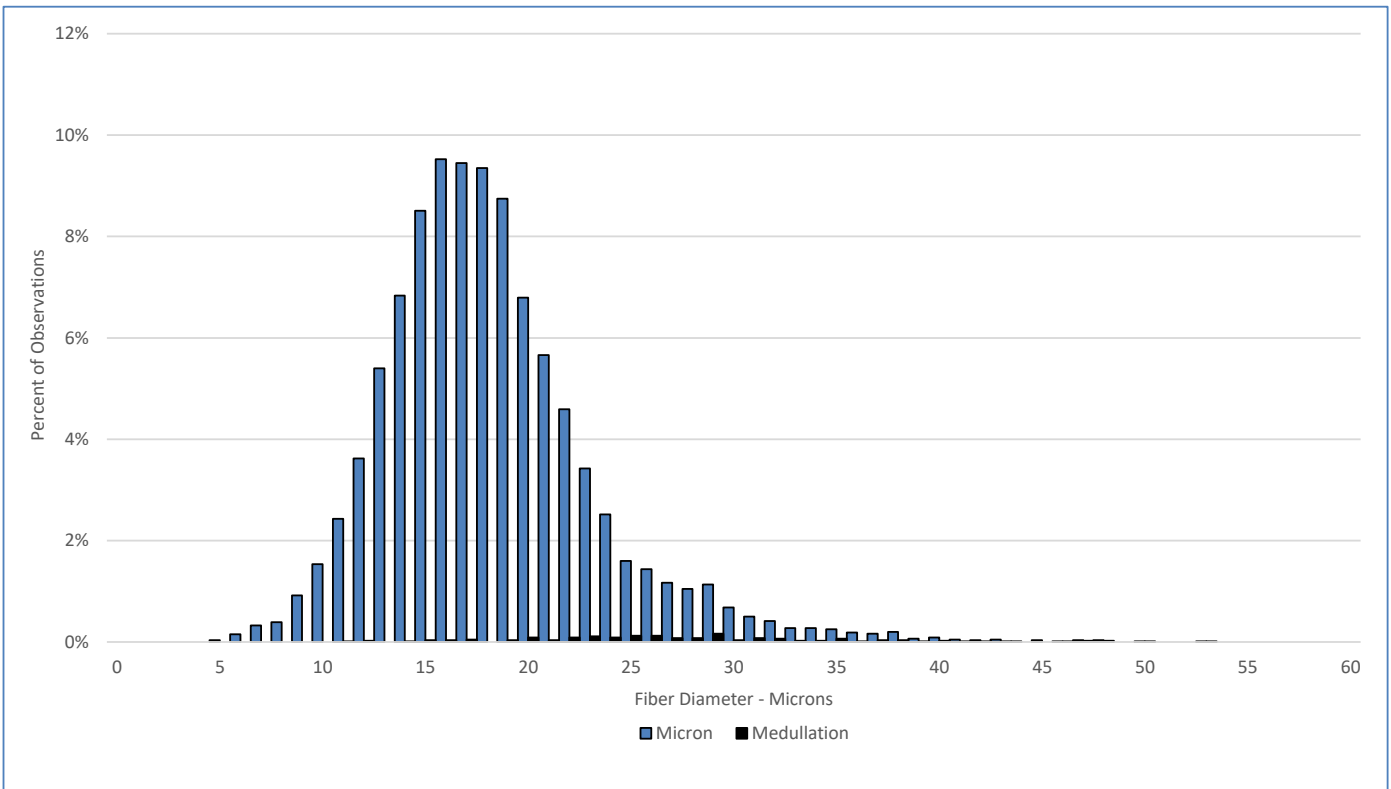
### Animal and Sample Description

Animal Name: BIR's Firewater  
Registry #: 36251049  
Breed: Suri  
Sex: Male  
Colour: 202 - Light Fawn

Date of Birth (Age): 11-May-23  
Sample Location: GRID  
Sample Date: 8-Jun-24  
Previous Shear Date: 12-May-23  
Total Fleece Wt (lbs):

### Laboratory Data

Mean Fiber Diameter:	18.3 microns	Mean Staple Length:	232 mm
Standard Deviation:	5.2 microns	Length Standard Deviation:	0.9 mm
Coefficient of Variation:	28.7 %	Length Coefficient of Variation:	0.4 %
Spin Fineness:	19.1 microns	Mean Curvature:	25.6 deg/mm
Fibers Greater Than 30 microns:	2.7 %	SD Curvature:	29.7 deg/mm
Comfort Factor:	97.3 %	Medullated Fibers:	1.7 %



### Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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