



Optical Fiber Diameter Analyser (OFDA100)  
Micron Test Report

Shambalah Alpaca Ranch  
7157 E Park Dr, Franktown  
CO 80116, US

Date: 27-Oct-22  
Shear ID: 242993  
Test No: 611047

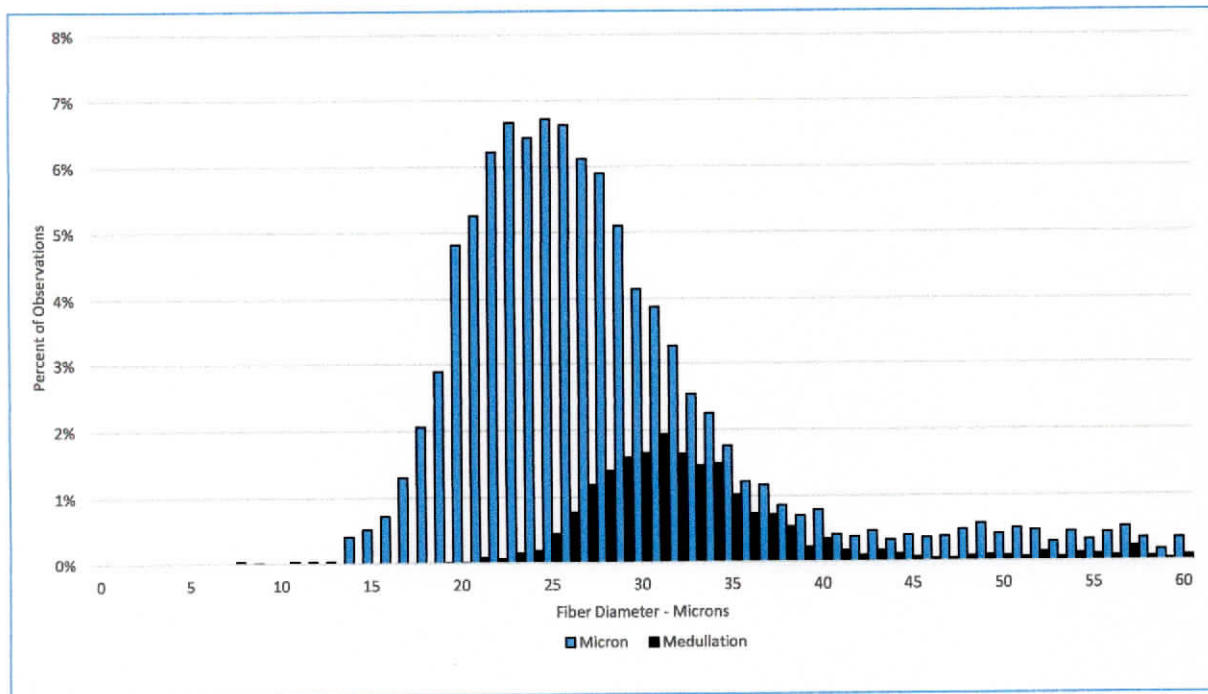
Animal and Sample Description

Animal Name: Shambalah's Rhiannon  
Registry #: 32527957  
Breed: Suri  
Sex: Female  
Colour: 201 - Beige

Date of Birth (Age): 9-Sep-15  
Sample Location: GRID  
Sample Date: 29-May-22  
Previous Shear Date: 29-May-21  
Total Fleece Wt (lbs): 4.5

Laboratory Data

Mean Fiber Diameter:	28.5 microns	Mean Staple Length:	127 mm
Standard Deviation:	9.4 microns	Length Standard Deviation:	8.3 mm
Coefficient of Variation:	33.0 %	Length Coefficient of Variation:	6.5 %
Spin Fineness:	31.2 microns	Mean Curvature:	29.3 deg/mm
Fibers Greater Than 30 microns:	27.8 %	SD Curvature:	13.4 deg/mm
Comfort Factor:	72.2 %	Medullated Fibers:	20.5 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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