



## Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Spirit Falls Alpaca Ranch  
72 McNichols Rd, Cook  
WA 98605, US

Date: 15-Aug-23  
Shear ID: 250096  
Test No: 614323

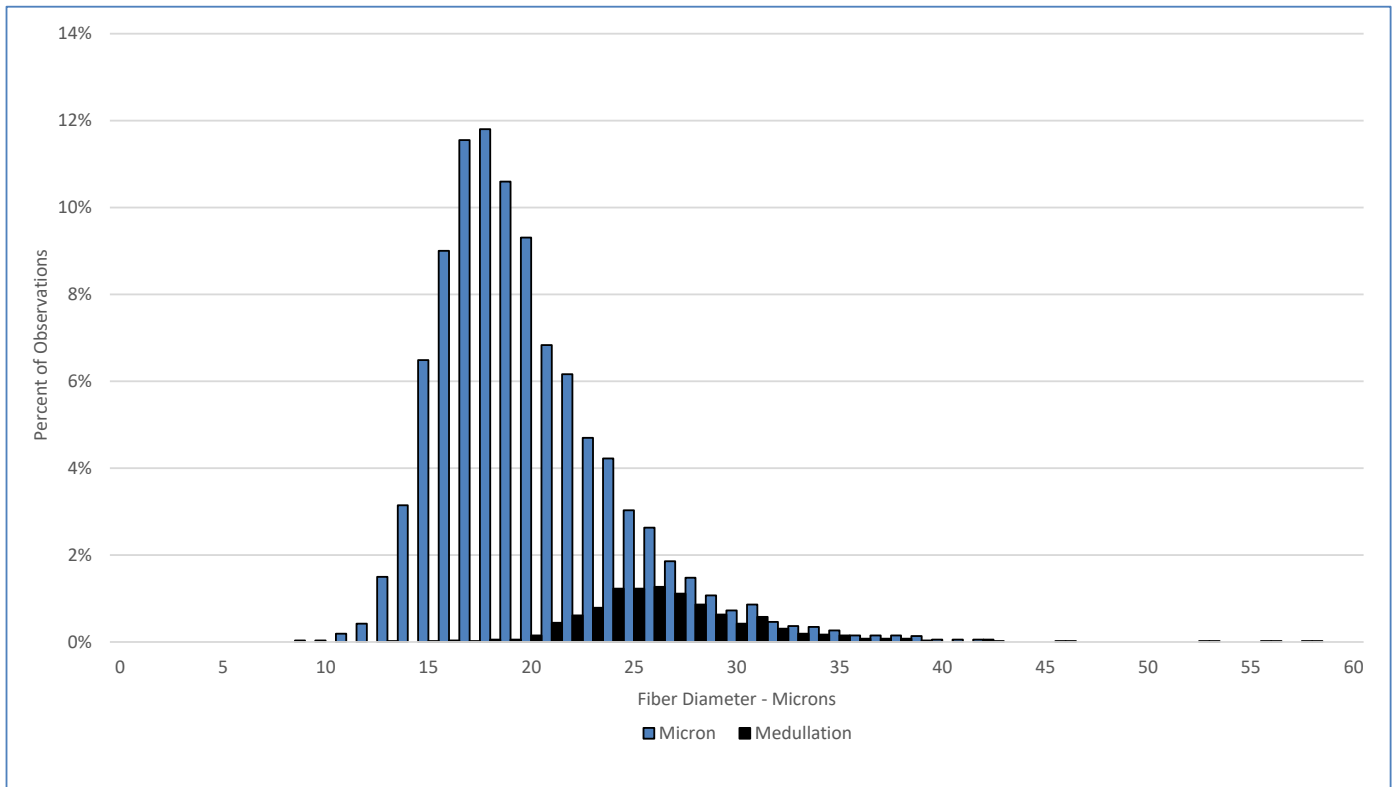
### Animal and Sample Description

Animal Name: HERITAGE Magic's Belle  
Registry #: 35592174  
Breed: Huacaya  
Sex: Female  
Colour: 202 - Light Fawn

Date of Birth (Age): 6-Sep-19  
Sample Location: GRID  
Sample Date: 29-Apr-23  
Previous Shear Date: 30-Apr-22  
Total Fleece Wt (lbs): 5.50

### Laboratory Data

Mean Fiber Diameter:	20.0 microns	Mean Staple Length:	98 mm
Standard Deviation:	4.6 microns	Length Standard Deviation:	2.1 mm
Coefficient of Variation:	23.2 %	Length Coefficient of Variation:	2.1 %
Spin Fineness:	19.8 microns	Mean Curvature:	51.5 deg/mm
Fibers Greater Than 30 microns:	3.2 %	SD Curvature:	27.1 deg/mm
Comfort Factor:	96.8 %	Medullated Fibers:	10.8 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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