



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

Stirling Ridge Alpacas  
5120 Robinson Park Rd, Moscow  
ID 83843, US

Date: 30-Aug-23  
Shear ID: 257891  
Test No: 615170

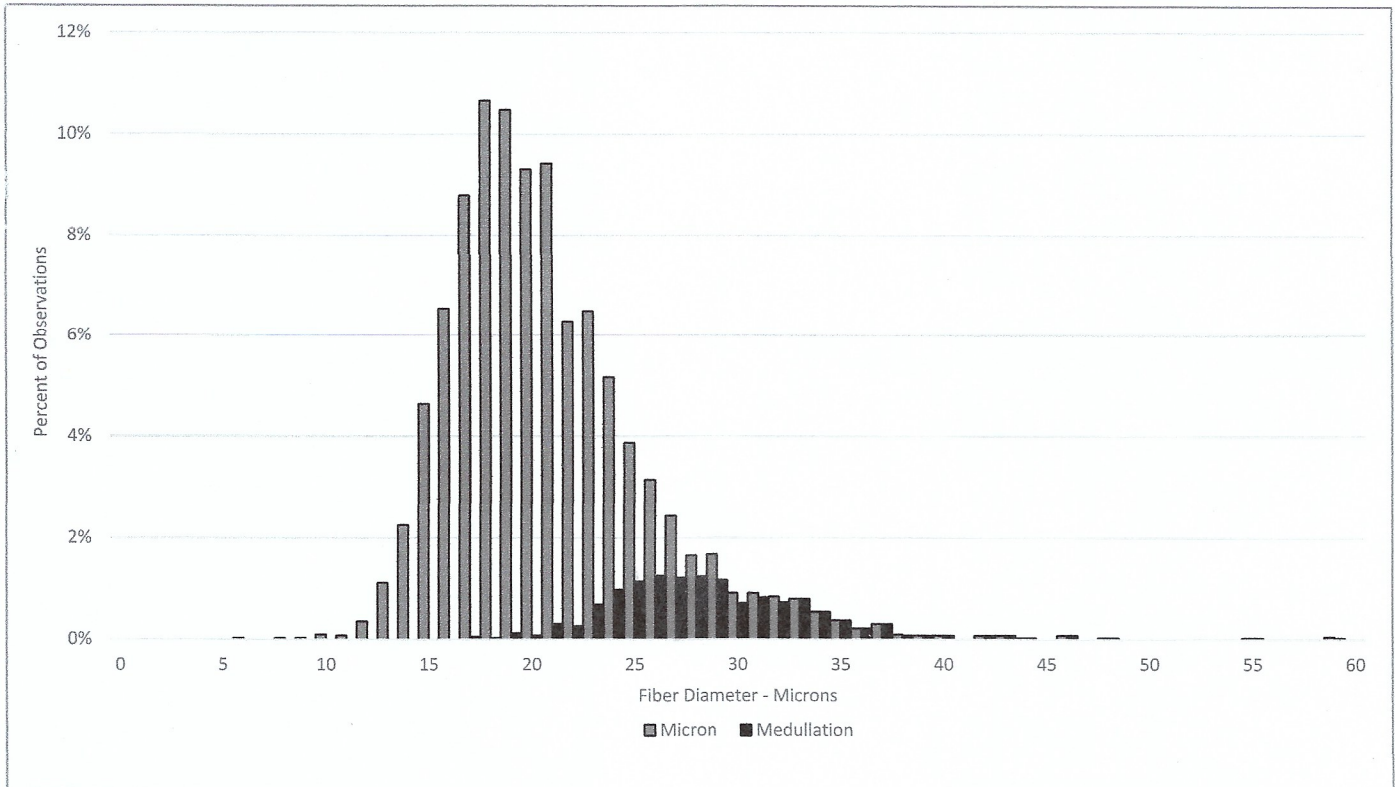
**Animal and Sample Description**

Animal Name: VALORIE OF STIRLING RIDGE  
Registry #: 35355960  
Breed: Huacaya  
Sex: Female  
Colour: 201 - Beige

Date of Birth (Age): 27-Jul-16  
Sample Location: GRID  
Sample Date: 3-Jun-23  
Previous Shear Date: 7-Jun-22  
Total Fleece Wt (lbs): 7.5

**Laboratory Data**

Mean Fiber Diameter:	20.9 microns	Mean Staple Length:	99 mm
Standard Deviation:	5.2 microns	Length Standard Deviation:	5.7 mm
Coefficient of Variation:	24.8 %	Length Coefficient of Variation:	5.8 %
Spin Fineness:	21.1 microns	Mean Curvature:	47.9 deg/mm
Fibers Greater Than 30 microns:	4.6 %	SD Curvature:	27.2 deg/mm
Comfort Factor:	95.4 %	Medullated Fibers:	13.5 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory