



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

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

Date: 4-Oct-24  
Shear ID: 269008  
Test No: 621898

**Animal and Sample Description**

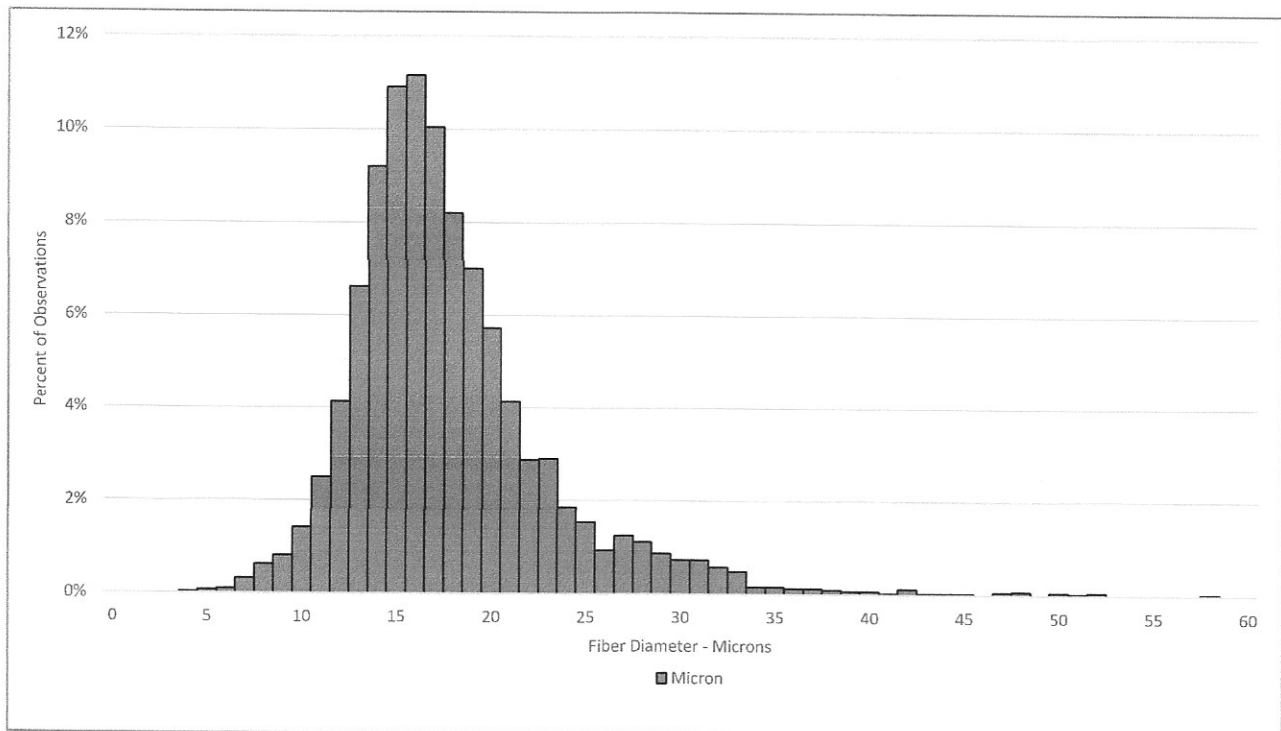
Animal Name: STIRLING RIDGE ROSHEEN  
Registry #: 36172467  
Breed: Huacaya  
Sex: Female  
Colour: 204 - Medium Fawn

Date of Birth (Age): 2-Sep-21  
Sample Location: GRID  
Sample Date: 6-Jun-24  
Previous Shear Date: 3-Jun-23  
Total Fleece Wt (lbs): 3.54

**Laboratory Data**

Mean Fiber Diameter: 17.7 microns  
Standard Deviation: 5.3 microns  
Coefficient of Variation: 30.1 %  
Spin Fineness: 18.8 microns  
Fibers Greater Than 30 microns: 3.0 %  
Comfort Factor: 97.0 %

Mean Staple Length: 86 mm  
Length Standard Deviation: 3.4 mm  
Length Coefficient of Variation: 3.9 %  
Mean Curvature: 54.5 deg/mm  
SD Curvature: 36.8 deg/mm



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

  
Jeremy Wear  
Business Manager

  
Ioasa Kosena  
Authorised Signatory

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