



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

Plum Creek Alpacas  
8260 E Plum Creek Way, Prescott Valley  
AZ 86315, US

Date: 16-Aug-23  
Shear ID: 250770  
Test No: 614421

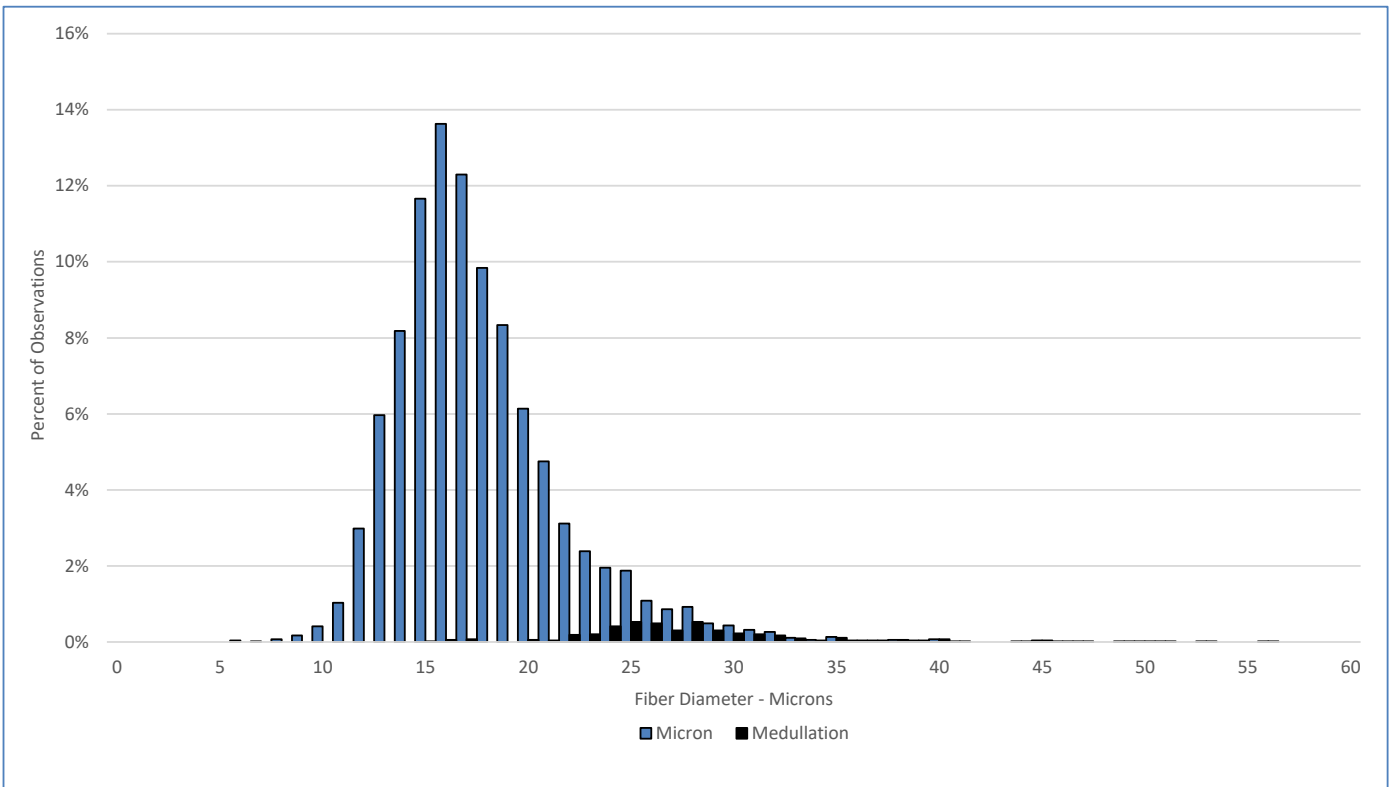
### Animal and Sample Description

Animal Name: PLUM CREEK's Celtic Thunder  
Registry #: 36173112  
Breed: Huacaya  
Sex: Male  
Colour: 201 - Beige

Date of Birth (Age): 8-Oct-22  
Sample Location: GRID  
Sample Date: 30-Apr-23  
Previous Shear Date:  
Total Fleece Wt (lbs):

### Laboratory Data

Mean Fiber Diameter:	17.8 microns	Mean Staple Length:	97 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	6.5 mm
Coefficient of Variation:	24.5 %	Length Coefficient of Variation:	6.6 %
Spin Fineness:	17.8 microns	Mean Curvature:	52.7 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	28.4 deg/mm
Comfort Factor:	98.7 %	Medullated Fibers:	4.5 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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