



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

Lippencott Alpacas  
265 Meadowbrook Rd, Waynesburg  
PA 15370, US

Date: 28-Jul-23  
Shear ID: 252172  
Test No: 613742

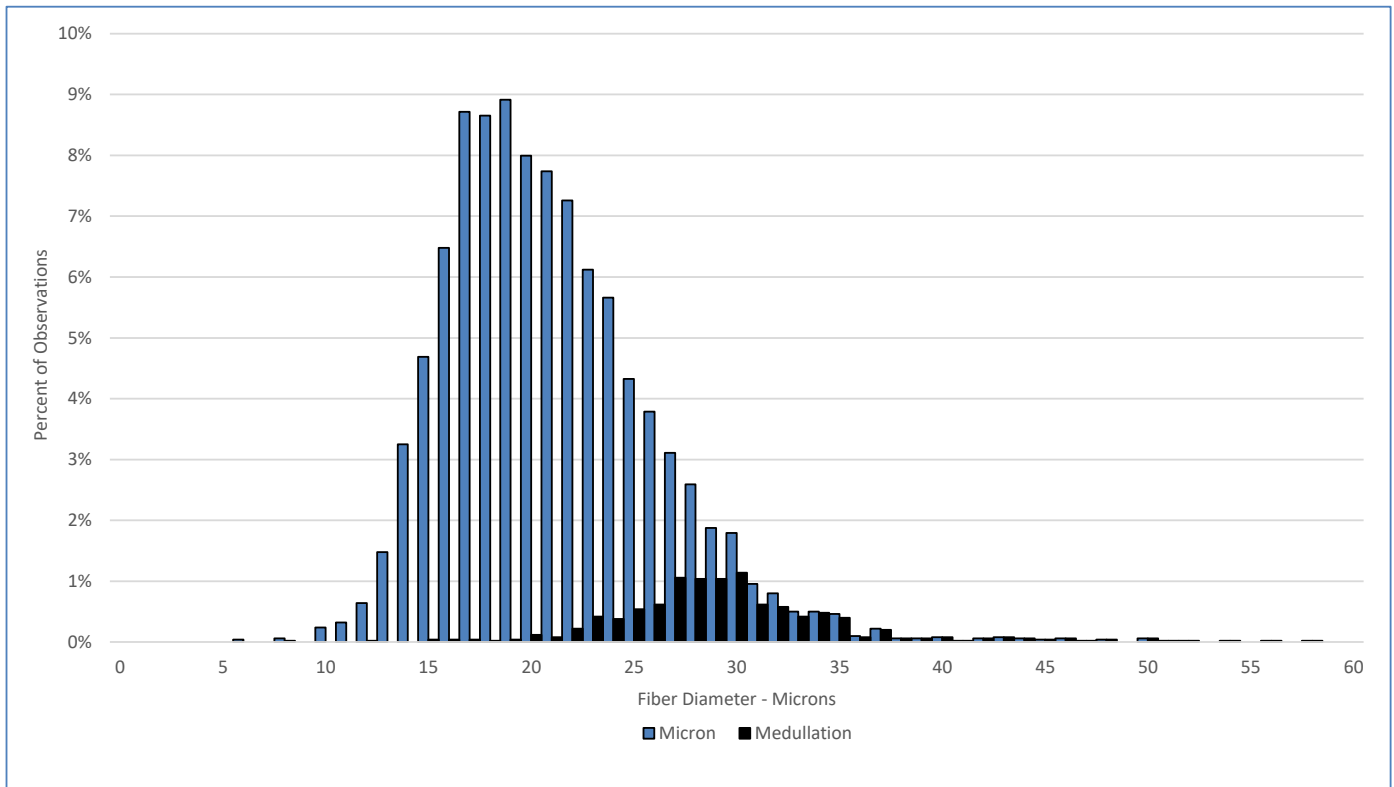
### Animal and Sample Description

Animal Name: Lippencott's Queen Anne  
Registry #: 32755084  
Breed: Huacaya  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 4-Jun-22  
Sample Location: GRID  
Sample Date: 8-May-23  
Previous Shear Date: 25-Jul-22  
Total Fleece Wt (lbs): 5.4

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 21.1 microns | Mean Staple Length:              | 110 mm      |
| Standard Deviation:             | 5.2 microns  | Length Standard Deviation:       | 1.8 mm      |
| Coefficient of Variation:       | 24.6 %       | Length Coefficient of Variation: | 1.7 %       |
| Spin Fineness:                  | 21.2 microns | Mean Curvature:                  | 47.0 deg/mm |
| Fibers Greater Than 30 microns: | 4.3 %        | SD Curvature:                    | 21.0 deg/mm |
| Comfort Factor:                 | 95.7 %       | Medullated Fibers:               | 10.4 %      |



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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