



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

Happy Hounds Alpaca Ranch  
69401 Goodrich Road, Sisters  
OR 97759, US

Date: 24-Aug-22  
Shear ID: 241021  
Test No: 609339

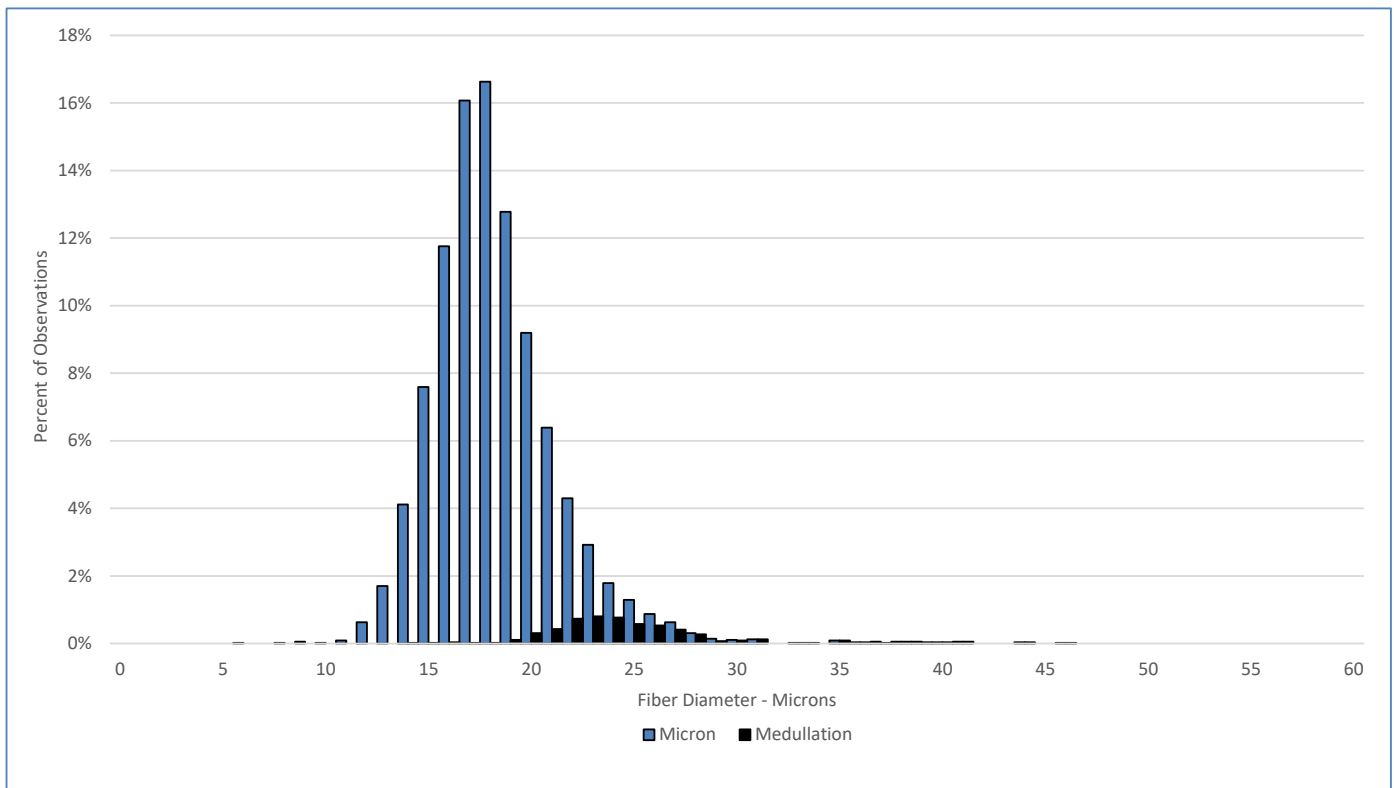
### Animal and Sample Description

Animal Name: H2R Adaline  
Registry #: 36080106  
Breed: Huacaya  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 30-May-21  
Sample Location: GRID  
Sample Date: 28-May-22  
Previous Shear Date: 27-Jun-21  
Total Fleece Wt (lbs): 4.3

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 18.4 microns | Mean Staple Length:              | 113 mm      |
| Standard Deviation:             | 3.2 microns  | Length Standard Deviation:       | 2.6 mm      |
| Coefficient of Variation:       | 17.4 %       | Length Coefficient of Variation: | 2.3 %       |
| Spin Fineness:                  | 17.4 microns | Mean Curvature:                  | 53.0 deg/mm |
| Fibers Greater Than 30 microns: | 0.6 %        | SD Curvature:                    | 20.5 deg/mm |
| Comfort Factor:                 | 99.4 %       | Medullated Fibers:               | 5.7 %       |



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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