



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

Blazing Star Ranch  
2550 Windmill Circle, Elizabeth  
CO 80107, US

Date: 21-Sep-23  
Shear ID: 255020  
Test No: 615405

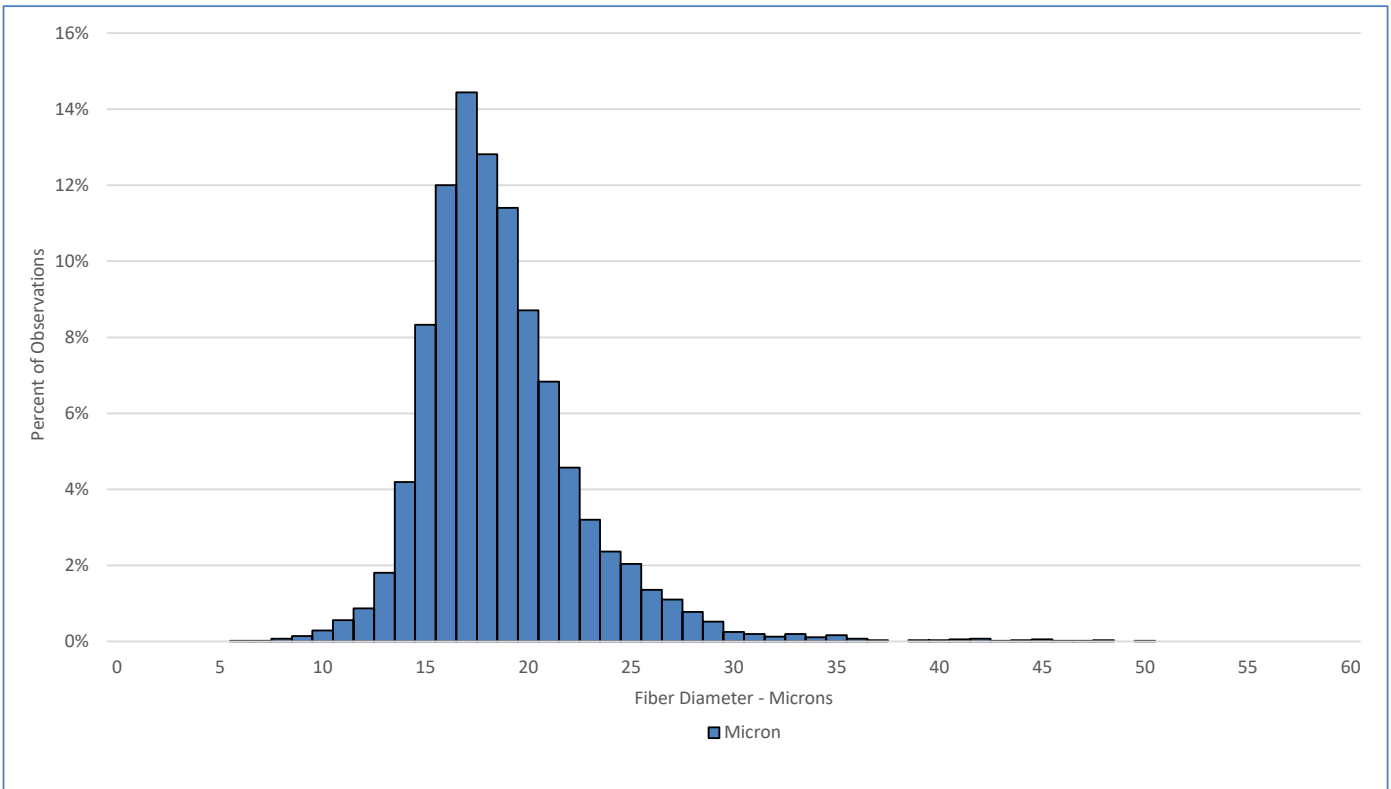
### Animal and Sample Description

Animal Name: BSRA Sonic Tweet  
Registry #: 35572961  
Breed: Huacaya  
Sex: Female  
Colour: 360 - Bay Black

Date of Birth (Age): 14-May-22  
Sample Location: GRID  
Sample Date: 3-Jun-23  
Previous Shear Date: 29-Jul-22  
Total Fleece Wt (lbs): 4.75

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 18.7 microns | Mean Staple Length:              | 102 mm      |
| Standard Deviation:             | 4.0 microns  | Length Standard Deviation:       | 3.0 mm      |
| Coefficient of Variation:       | 21.2 %       | Length Coefficient of Variation: | 2.9 %       |
| Spin Fineness:                  | 18.2 microns | Mean Curvature:                  | 52.5 deg/mm |
| Fibers Greater Than 30 microns: | 1.3 %        | SD Curvature:                    | 28.9 deg/mm |
| Comfort Factor:                 | 98.7 %       |                                  |             |



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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