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

Sugar Hollow Farm Alpacas
9955 Masters Rd, Waynesboro
PA 17268, US

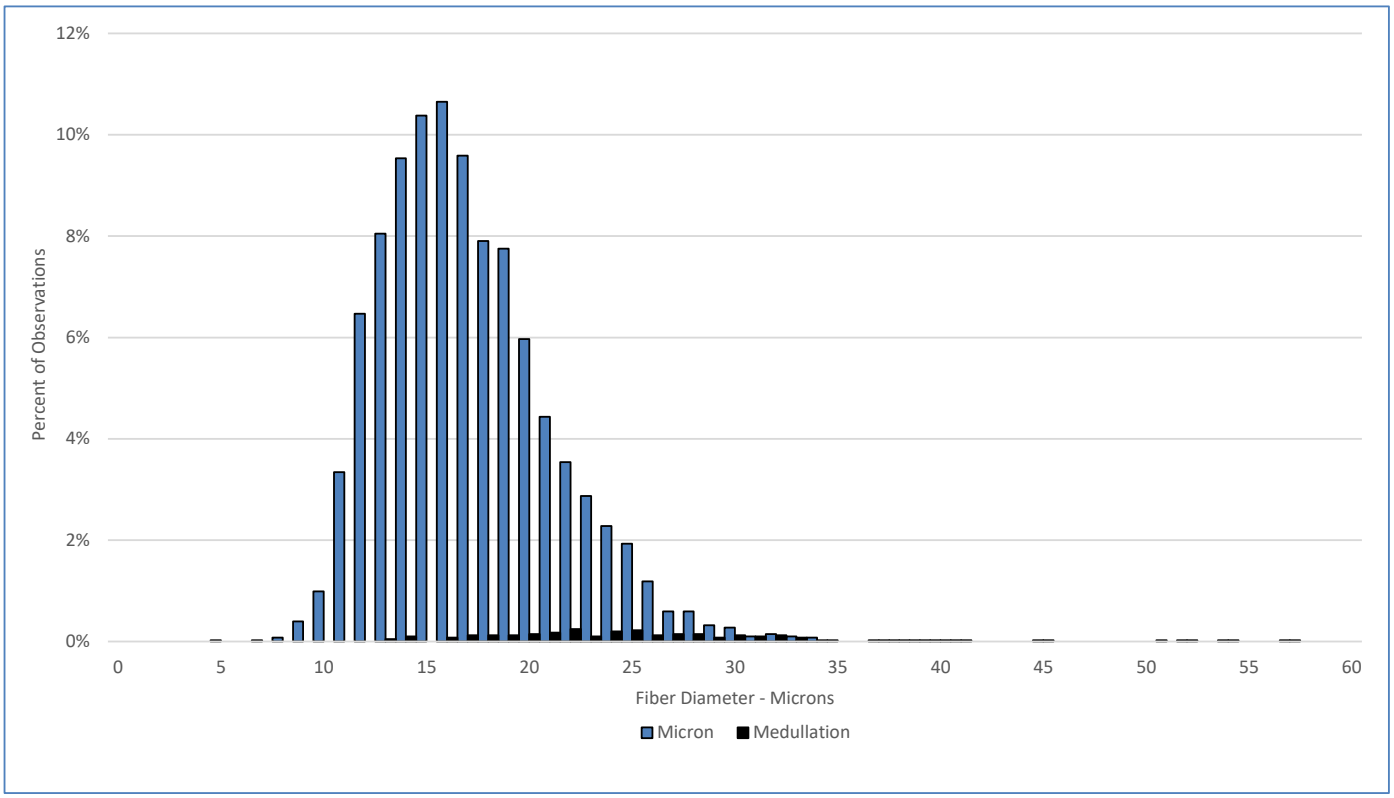
Date: 26-Jun-25
Shear ID: 273108
Test No: 623213

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | SUGAR HOLLOW's Twist and Shout | Date of Birth (Age): | 19-May-24 |
| Registry #: | 36186204 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 21-Apr-25 |
| Sex: | Female | Previous Shear Date: | 19-May-24 |
| Colour: | 202 - Light Fawn | Total Fleece Wt (lbs): | 5.9 |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 17.2 microns | Mean Staple Length: | 84 mm |
| Standard Deviation: | 4.7 microns | Length Standard Deviation: | 4.4 mm |
| Coefficient of Variation: | 27.4 % | Length Coefficient of Variation: | 5.3 % |
| Spin Fineness: | 17.8 microns | Mean Curvature: | 53.8 deg/mm |
| Fibers Greater Than 30 microns: | 0.8 % | SD Curvature: | 40.7 deg/mm |
| Comfort Factor: | 99.2 % | Medullated Fibers: | 3.0 % |




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

Jeremy Wear
**Business Manager**

Ioasa Kosena
**Authorised Signatory**

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