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

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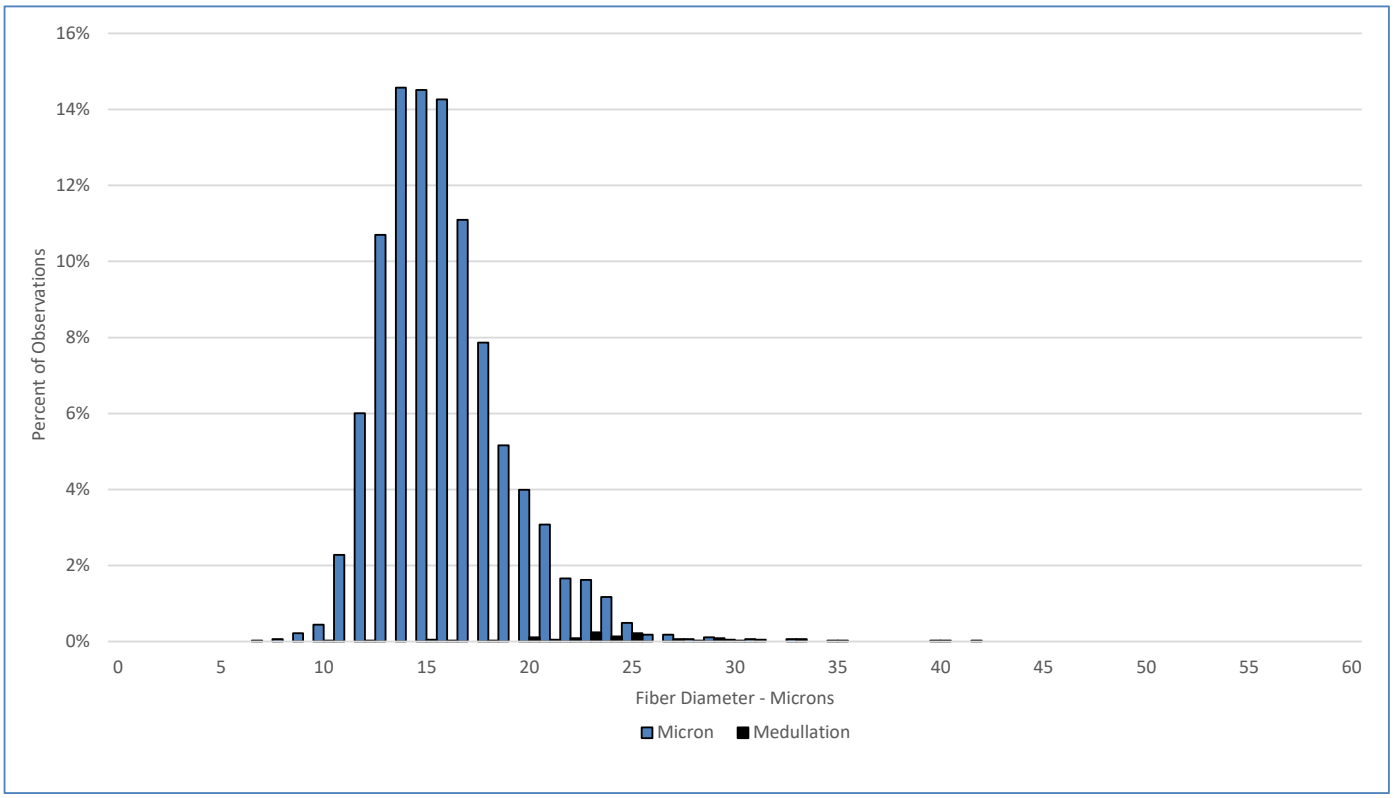
|---|---|---|---|
| Sopris Alpaca Farm | | Date: | 1-Aug-25 |
| 35795 Highway 6, Silt | | Shear ID: | 276972 |
| CO 81652, US | | Test No: | 623850 |

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | SOPRIS Spunky | Date of Birth (Age): | 28-May-23 |
| Registry #: | 36276417 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 29-Apr-25 |
| Sex: | Female | Previous Shear Date: | 30-Apr-24 |
| Colour: | 201 - Beige | Total Fleece Wt (lbs): | 5.6 |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 16.0 microns | Mean Staple Length: | 110 mm |
| Standard Deviation: | 3.1 microns | Length Standard Deviation: | 4.0 mm |
| Coefficient of Variation: | 19.6 % | Length Coefficient of Variation: | 3.7 % |
| Spin Fineness: | 15.4 microns | Mean Curvature: | 57.5 deg/mm |
| Fibers Greater Than 30 microns: | 0.2 % | SD Curvature: | 40.6 deg/mm |
| Comfort Factor: | 99.8 % | Medullated Fibers: | 1.3 % |




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

Jeremy Wear
**Business Manager**

Ioasa Kosena
**Authorised Signatory**

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