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

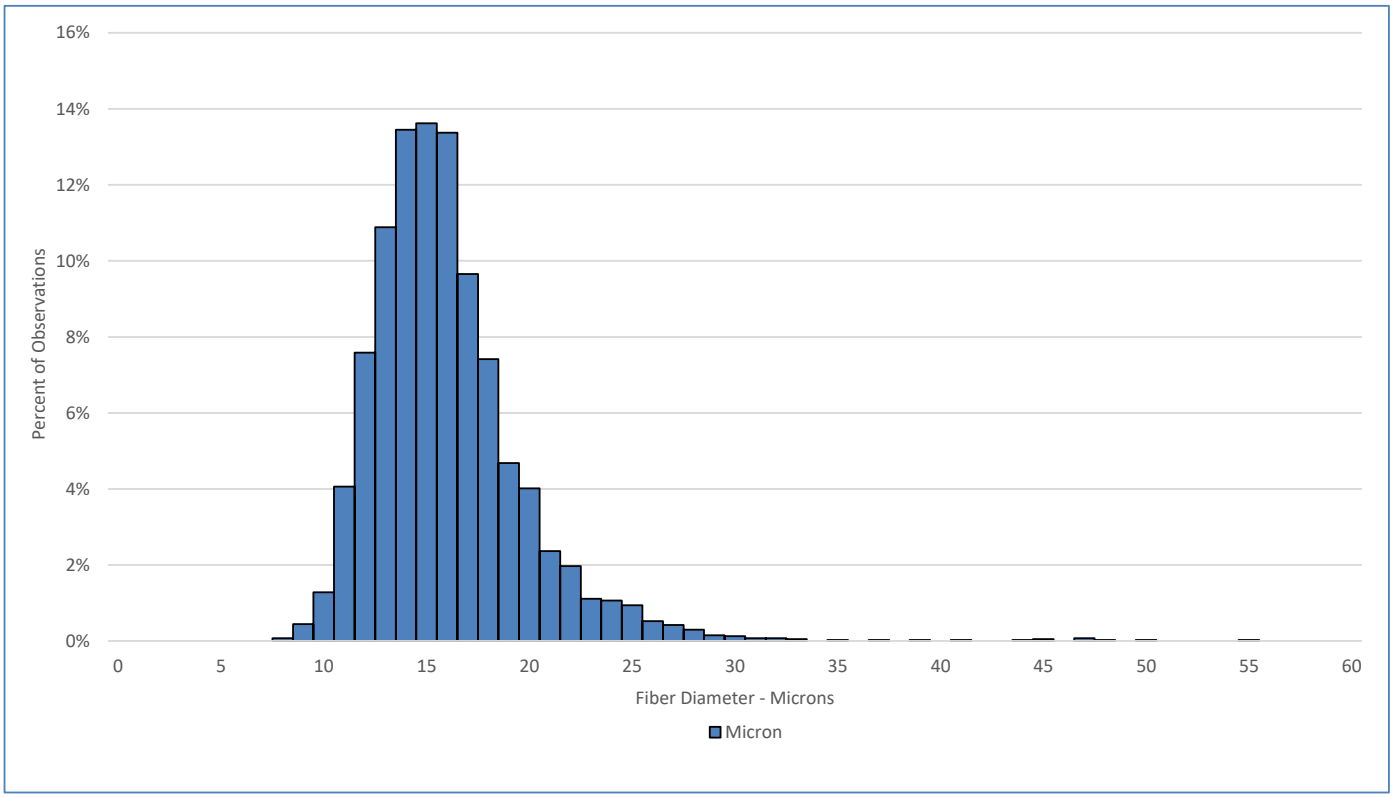
| | | | |
|---|---|---|---|
| Sunny Alpacas | | Date: | 31-Jul-25 |
| 9200 Spooner Creek Lane, Blaine | | Shear ID: | 274542 |
| WA 98230, US | | Test No: | 623782 |

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | Sunny Magnum Mulan | Date of Birth (Age): | 23-Sep-24 |
| Registry #: | 36342686 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 3-Jun-25 |
| Sex: | Female | Previous Shear Date: | 7-Oct-24 |
| Colour: | 209 - Light Brown | Total Fleece Wt (lbs): | 3.8 |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 16.0 microns | Mean Staple Length: | 83 mm |
| Standard Deviation: | 3.8 microns | Length Standard Deviation: | 3.7 mm |
| Coefficient of Variation: | 23.8 % | Length Coefficient of Variation: | 4.4 % |
| Spin Fineness: | 15.9 microns | Mean Curvature: | 50.6 deg/mm |
| Fibers Greater Than 30 microns: | 0.5 % | SD Curvature: | 37.5 deg/mm |
| Comfort Factor: | 99.5 % | | |




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

Jeremy Wear
**Business Manager**

Ioasa Kosena
**Authorised Signatory**

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