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

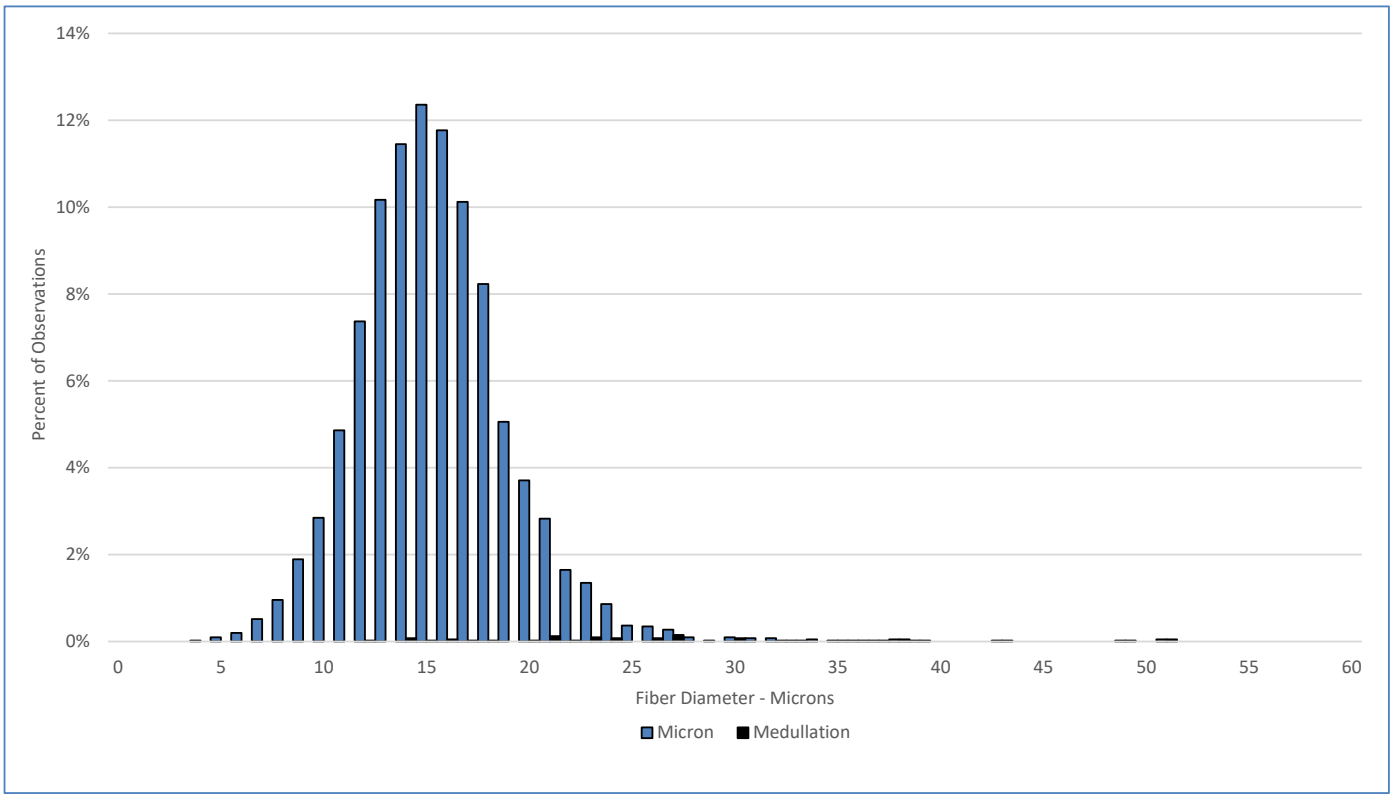
| | | | |
|---|---|---|---|
| Colusa Riverside Alpacas | | Date: | 25-Jul-25 |
| 4360 Indian Creek Rd, Lincoln | | Shear ID: | 273779 |
| CA 95648, US | | Test No: | 623624 |

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | Pruet's Naughty Girl | Date of Birth (Age): | 15-Nov-24 |
| Registry #: | 36261215 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 23-Apr-25 |
| Sex: | Female | Previous Shear Date: | 15-Nov-24 |
| Colour: | 100 - White | Total Fleece Wt (lbs): | 2.3 |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 15.5 microns | Mean Staple Length: | 88 mm |
| Standard Deviation: | 3.8 microns | Length Standard Deviation: | 1.8 mm |
| Coefficient of Variation: | 24.6 % | Length Coefficient of Variation: | 2.1 % |
| Spin Fineness: | 15.6 microns | Mean Curvature: | 50.8 deg/mm |
| Fibers Greater Than 30 microns: | 0.5 % | SD Curvature: | 38.5 deg/mm |
| Comfort Factor: | 99.5 % | Medullated Fibers: | 1.2 % |




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

Jeremy Wear
**Business Manager**

Ioasa Kosena
**Authorised Signatory**

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