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

Forest Cove Farm & Country Market
32129 Hwy 17, Chalk River
ON K0J 1J0, CA

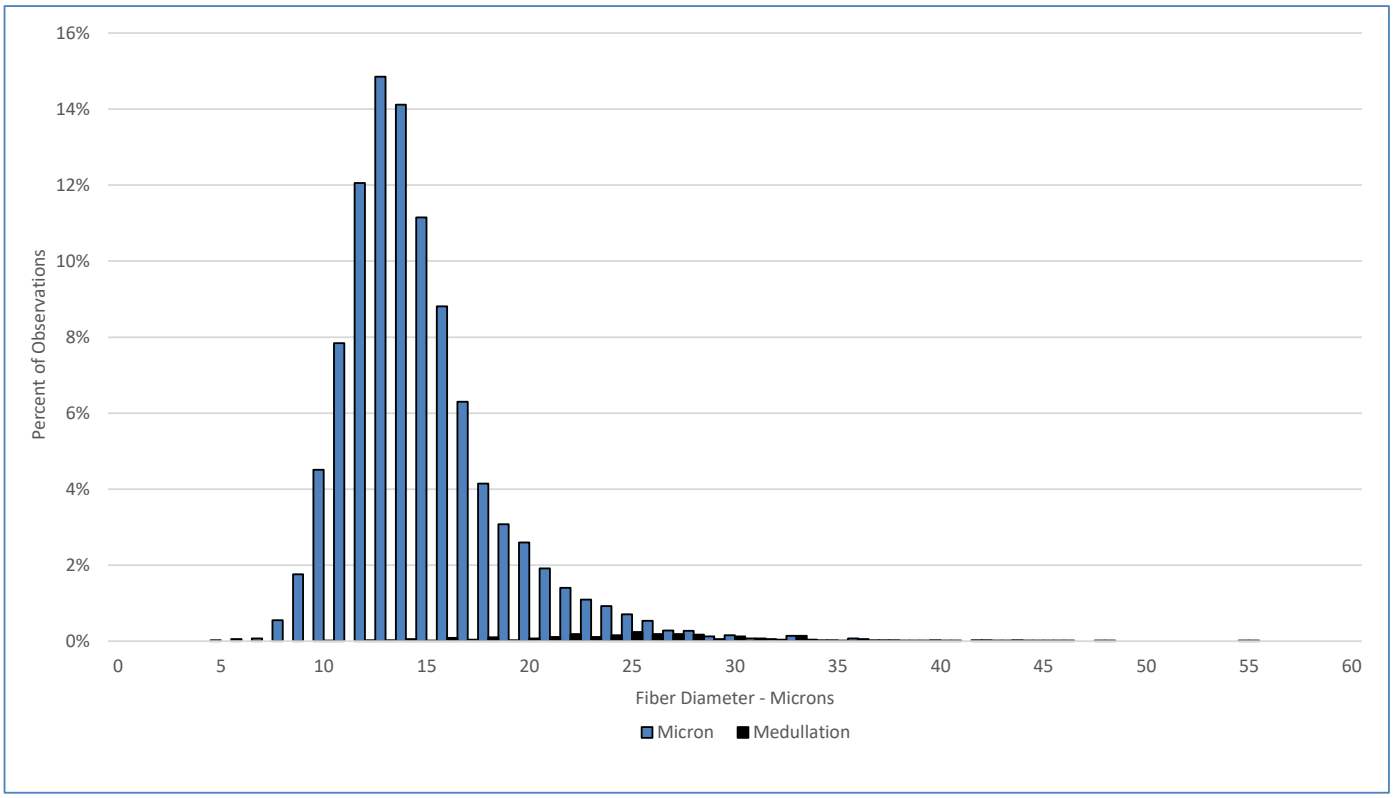
Date: 22-Jul-26
Shear ID: 283305
Test No: 627578

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | Forest Cove Amias' MOONSTRUCK | Date of Birth (Age): | 13-Aug-25 |
| Registry #: | 36248100 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 2-May-26 |
| Sex: | Male | Previous Shear Date: | 3-May-25 |
| Colour: | 100 - White | Total Fleece Wt (lbs): | |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 14.9 microns | Mean Staple Length: | 106 mm |
| Standard Deviation: | 4.0 microns | Length Standard Deviation: | 4.7 mm |
| Coefficient of Variation: | 26.9 % | Length Coefficient of Variation: | 4.5 % |
| Spin Fineness: | 15.3 microns | Mean Curvature: | 55.8 deg/mm |
| Fibers Greater Than 30 microns: | 0.7 % | SD Curvature: | 42.3 deg/mm |
| Comfort Factor: | 99.3 % | Medullated Fibers: | 2.5 % |




The OFDA100 base cut method minimizes the effects of environmental variability and provides more accurate comparisons of genetic capability. Average staple length is determined from multiple staples measured using a calibrated electronic length instrument, and is important for managing yarn processing outcomes.

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

Jeremy Wear
**Business Manager**

Ioasa Kosena
**Authorised Signatory**

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