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

Stoneberg Alpalcas Llc
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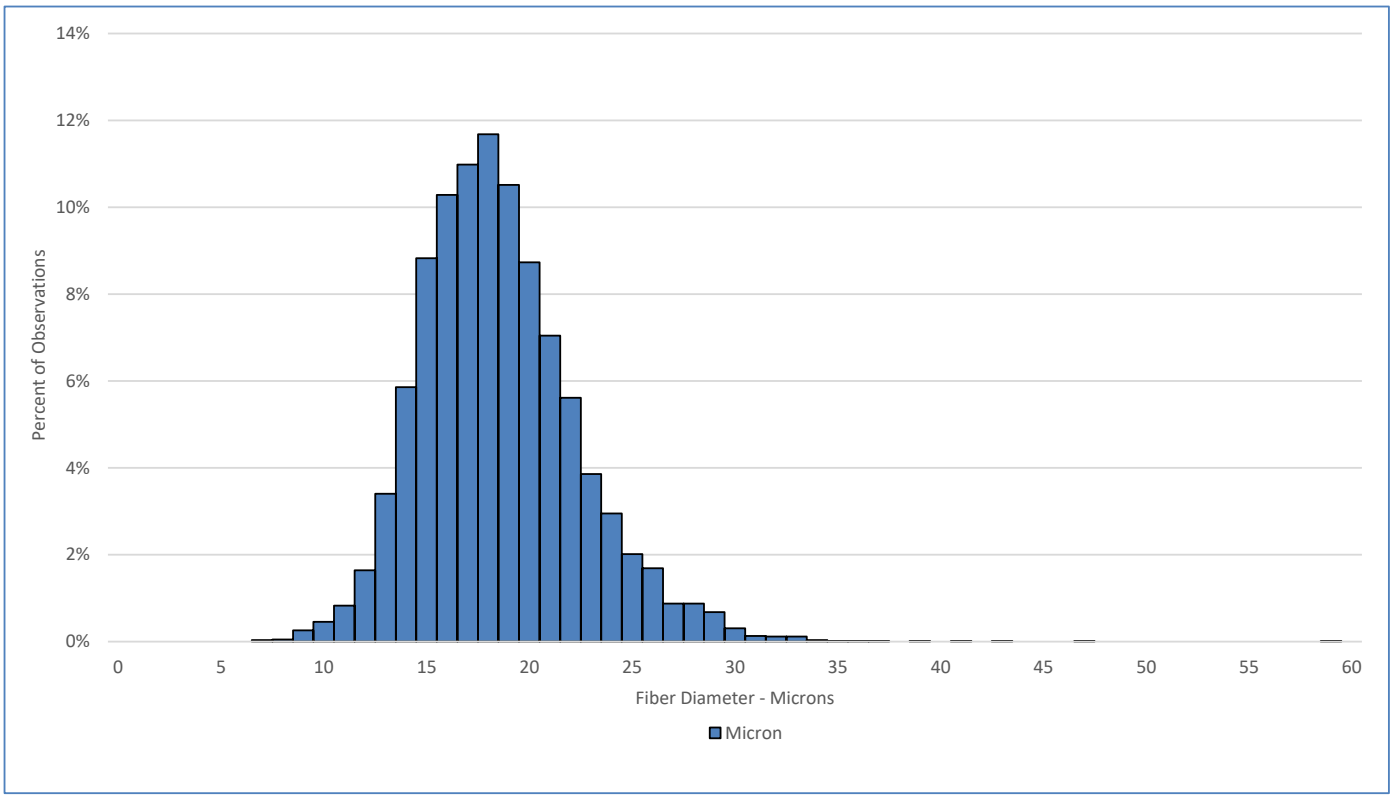
Date: 11-Sep-26
Shear ID: 288005
Test No: 628737

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | STONEBERG's General Flynn | Date of Birth (Age): | 30-May-21 |
| Registry #: | 36022953 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 4-May-26 |
| Sex: | Male | Previous Shear Date: | 13-Apr-25 |
| Colour: | 204 - Medium Fawn | Total Fleece Wt (lbs): | |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 18.5 microns | Mean Staple Length: | 96 mm |
| Standard Deviation: | 3.9 microns | Length Standard Deviation: | 7.5 mm |
| Coefficient of Variation: | 21.1 % | Length Coefficient of Variation: | 7.8 % |
| Spin Fineness: | 18.0 microns | Mean Curvature: | 51.6 deg/mm |
| Fibers Greater Than 30 microns: | 0.5 % | SD Curvature: | 36.6 deg/mm |
| Comfort Factor: | 99.5 % | | |




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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