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

Red Granite Ranch
1021 Red Granite Ranch Rd, Livermore
CO 80536, US

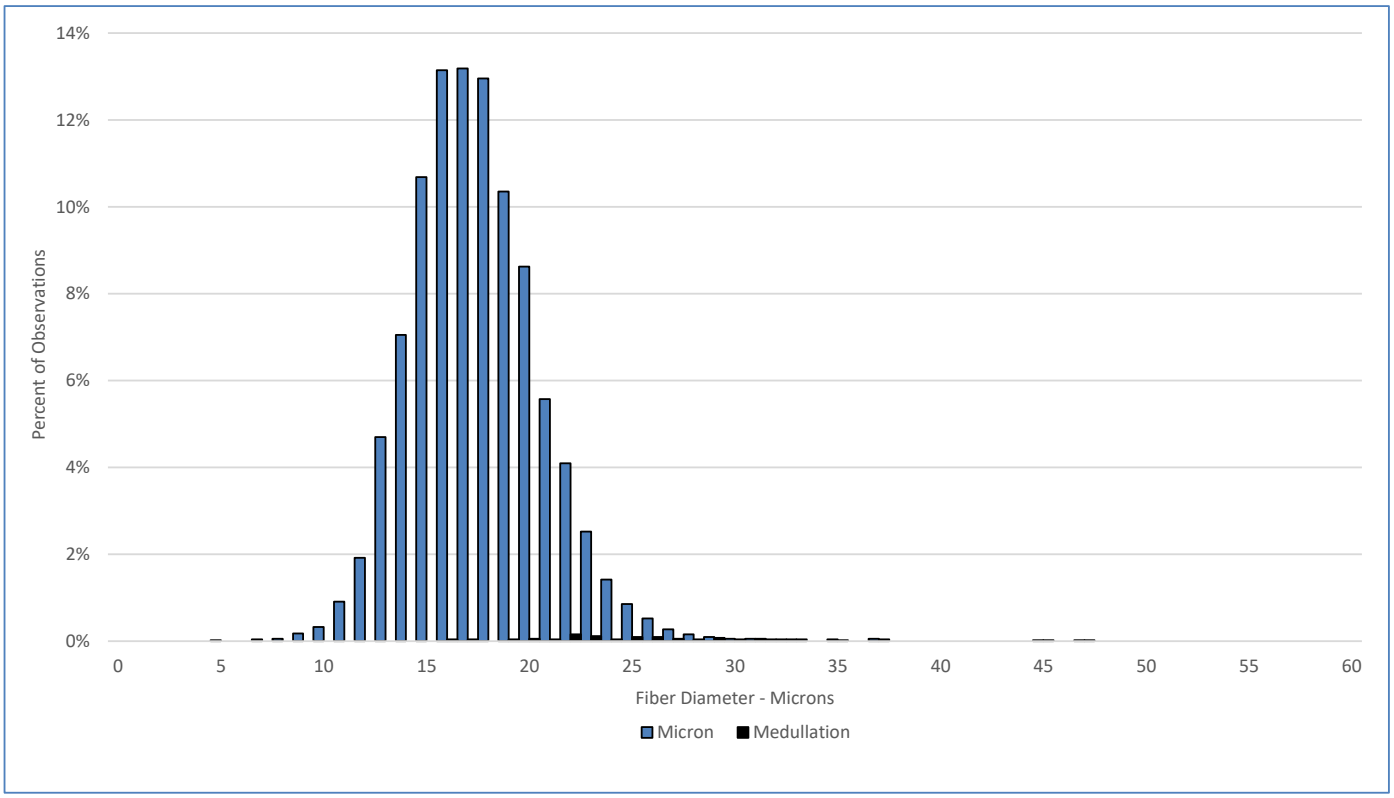
Date: 24-Aug-26
Shear ID: 285293
Test No: 628492

## Animal and Sample Description

| | | | |
|---|---|---|---|
| Animal Name: | RED GRANITES FEVER'S SALVATION | Date of Birth (Age): | 6-Jun-24 |
| Registry #: | 36081219 | Sample Location: | GRID |
| Breed: | Huacaya | Sample Date: | 5-Jun-26 |
| Sex: | Male | Previous Shear Date: | 31-May-25 |
| Colour: | 201 - Beige | Total Fleece Wt (lbs): | 9.1 |

## Laboratory Data

| | | | |
|---|---|---|---|
| Mean Fiber Diameter: | 17.6 microns | Mean Staple Length: | 98 mm |
| Standard Deviation: | 3.2 microns | Length Standard Deviation: | 2.6 mm |
| Coefficient of Variation: | 18.3 % | Length Coefficient of Variation: | 2.6 % |
| Spin Fineness: | 16.7 microns | Mean Curvature: | 57.3 deg/mm |
| Fibers Greater Than 30 microns: | 0.3 % | SD Curvature: | 37.6 deg/mm |
| Comfort Factor: | 99.7 % | Medullated Fibers: | 1.2 % |




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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