



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Rare Gem Alpacas
30049 Stephanie St, Hemet
CA 92543, US

Date: 17-Sep-24
Shear ID: 270392
Test No: 621342

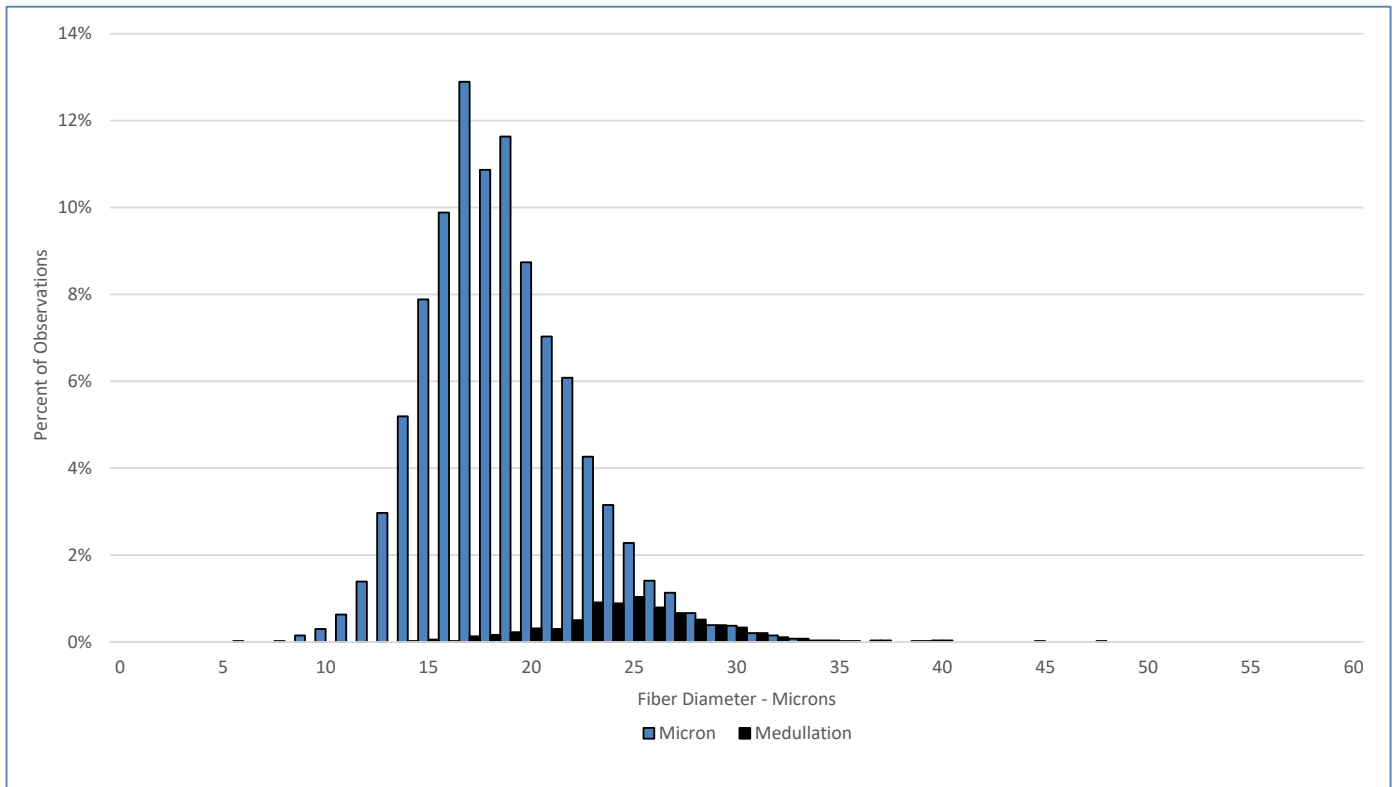
Animal and Sample Description

Animal Name: Rare Gem X-Spotsss Illusion Of
Registry #: 36239498
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 11-Jul-23
Sample Location: GRID
Sample Date: 24-Mar-24
Previous Shear Date: 11-Jul-23
Total Fleece Wt (lbs): 3

Laboratory Data

| | | | |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter: | 18.7 microns | Mean Staple Length: | 94 mm |
| Standard Deviation: | 3.8 microns | Length Standard Deviation: | 5.9 mm |
| Coefficient of Variation: | 20.1 % | Length Coefficient of Variation: | 6.2 % |
| Spin Fineness: | 18.1 microns | Mean Curvature: | 46.0 deg/mm |
| Fibers Greater Than 30 microns: | 0.7 % | SD Curvature: | 35.3 deg/mm |
| Comfort Factor: | 99.3 % | Medullated Fibers: | 7.8 % |



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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