



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Flying Iron Ranch
3030 McKinney Ave, Dallas
TX 75204, US

Date: 18-Sep-25
Shear ID: 278283
Test No: 624385

Animal and Sample Description

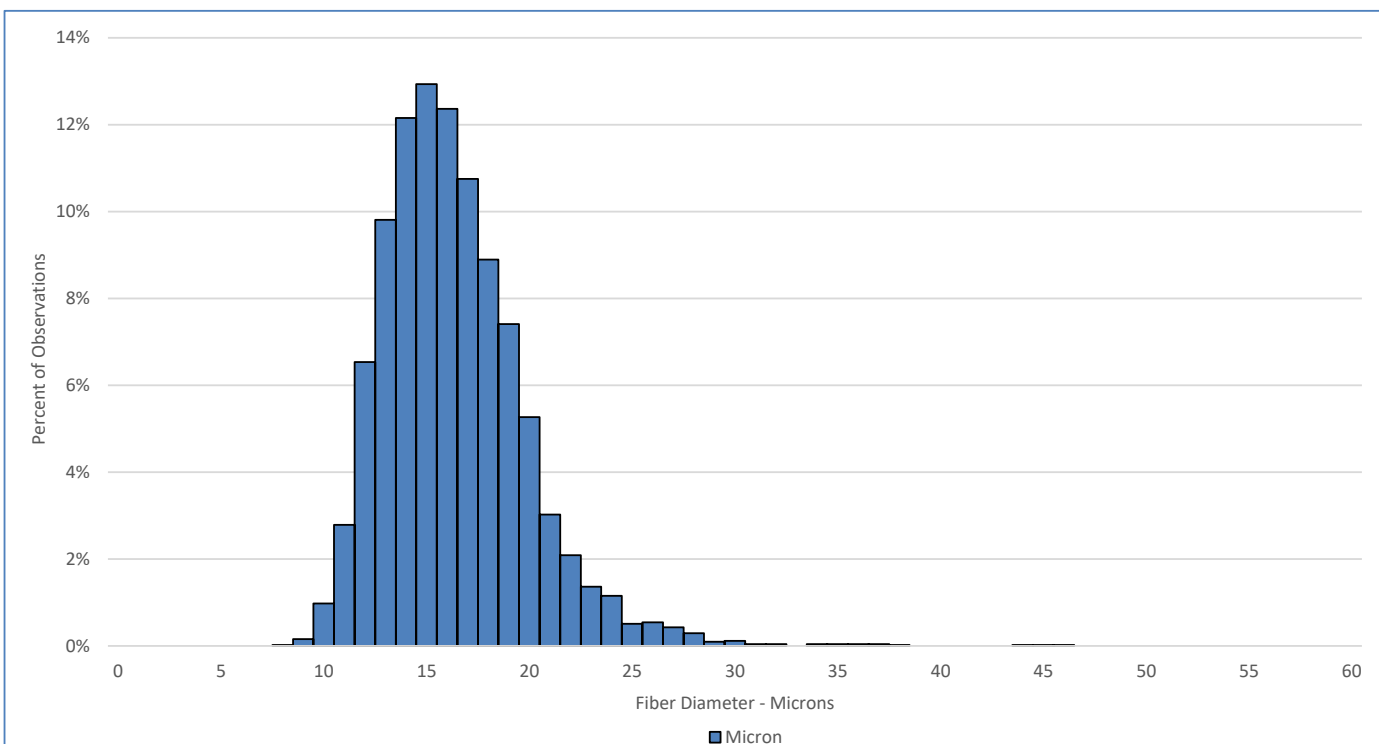
Animal Name: FIR SPARKS BY PASSIONATE FEVER
Registry #: 36009848
Breed: Huacaya
Sex: Male
Colour: 204 - Medium Fawn

Date of Birth (Age): 23-Aug-24
Sample Location: GRID
Sample Date: 6-May-25
Previous Shear Date: 23-Aug-24
Total Fleece Wt (lbs): 4.8

Laboratory Data

Mean Fiber Diameter: 16.3 microns
Standard Deviation: 3.5 microns
Coefficient of Variation: 21.3 %
Spin Fineness: 15.9 microns
Fibers Greater Than 30 microns: 0.3 %
Comfort Factor: 99.7 %

Mean Staple Length: 110 mm
Length Standard Deviation: 2.3 mm
Length Coefficient of Variation: 2.1 %
Mean Curvature: 55.6 deg/mm
SD Curvature: 42.9 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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The validity of this document may be confirmed by contacting the address shown below

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