



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Arapaho Rose Alpacas
10702 Arapaho Dr, Redding
CA 96003-7642, US

Date: 7-Oct-24
Shear ID: 268787
Test No: 621803

Animal and Sample Description

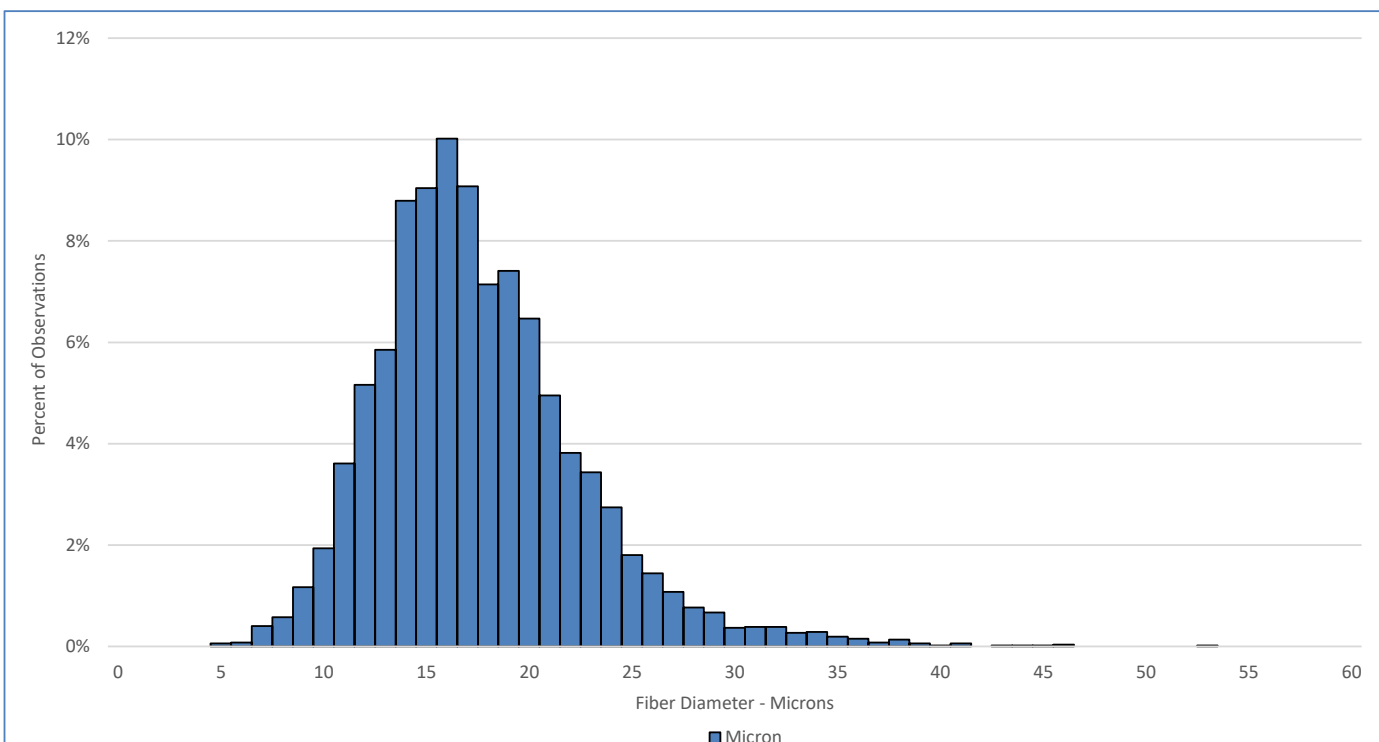
Animal Name: NPA Handsome
Registry #: 36180844
Breed: Huacaya
Sex: Male
Colour: 404 - Dark Silver Grey

Date of Birth (Age): 13-Aug-23
Sample Location: GRID
Sample Date: 15-Apr-24
Previous Shear Date: 22-Aug-23
Total Fleece Wt (lbs): 4.50

Laboratory Data

Mean Fiber Diameter: 17.6 microns
Standard Deviation: 5.0 microns
Coefficient of Variation: 28.6 %
Spin Fineness: 18.4 microns
Fibers Greater Than 30 microns: 2.1 %
Comfort Factor: 97.9 %

Mean Staple Length: 75 mm
Length Standard Deviation: 9.4 mm
Length Coefficient of Variation: 12.5 %
Mean Curvature: 49.0 deg/mm
SD Curvature: 34.7 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

[SGS General Terms and Conditions](#)

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

SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com