



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Sugar Pike Alpacas
401 Addle Lane, Canton
GA 30115, US

Date: 18-Aug-25
Shear ID: 276813
Test No: 624064

Animal and Sample Description

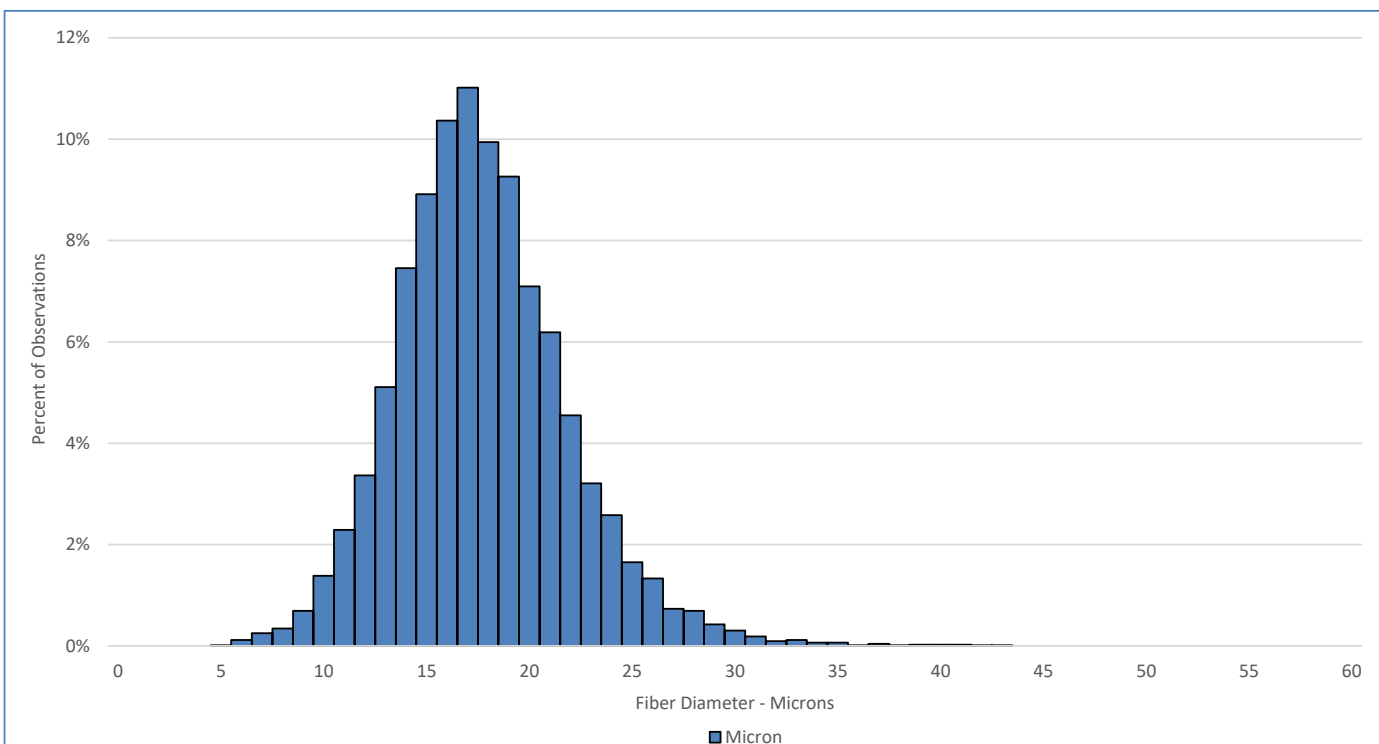
Animal Name: Hansel's Gretel
Registry #: 36339020
Breed: Huacaya
Sex: Female
Colour: 204 - Medium Fawn

Date of Birth (Age): 5-May-24
Sample Location: GRID
Sample Date: 27-Apr-25
Previous Shear Date: 5-May-24
Total Fleece Wt (lbs): 3.81

Laboratory Data

Mean Fiber Diameter: 17.7 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 23.7 %
Spin Fineness: 17.7 microns
Fibers Greater Than 30 microns: 0.7 %
Comfort Factor: 99.3 %

Mean Staple Length: 91 mm
Length Standard Deviation: 9.5 mm
Length Coefficient of Variation: 10.4 %
Mean Curvature: 55.7 deg/mm
SD Curvature: 37.8 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