



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 18-Aug-25
Shear ID: 276771
Test No: 624022

Animal and Sample Description

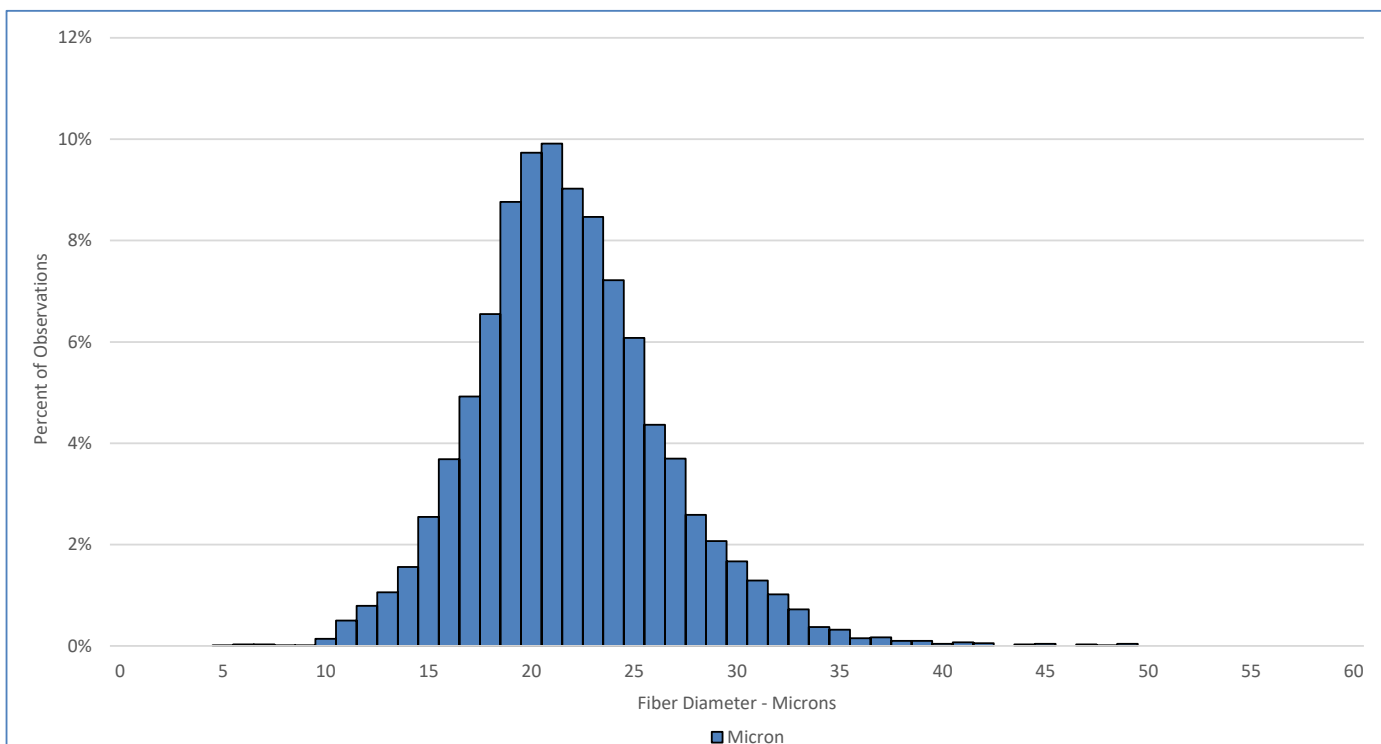
Animal Name: PATAGONIA'S CHIEF
Registry #: 31691147
Breed: Huacaya
Sex: Male
Colour: 500 - True Black

Date of Birth (Age): 8-Jun-09
Sample Location: GRID
Sample Date: 13-Apr-25
Previous Shear Date: 19-Apr-24
Total Fleece Wt (lbs): 4.56

Laboratory Data

Mean Fiber Diameter: 21.9 microns
Standard Deviation: 4.7 microns
Coefficient of Variation: 21.5 %
Spin Fineness: 21.4 microns
Fibers Greater Than 30 microns: 4.6 %
Comfort Factor: 95.4 %

Mean Staple Length: 67 mm
Length Standard Deviation: 1.9 mm
Length Coefficient of Variation: 2.8 %
Mean Curvature: 55.6 deg/mm
SD Curvature: 37.1 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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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