



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Libertas Farm
138 Carpenter Hill Rd
Alfred, ME 04002-3140 US

Date: 31-Aug-20
Shear ID: 200223
Test No: 500001

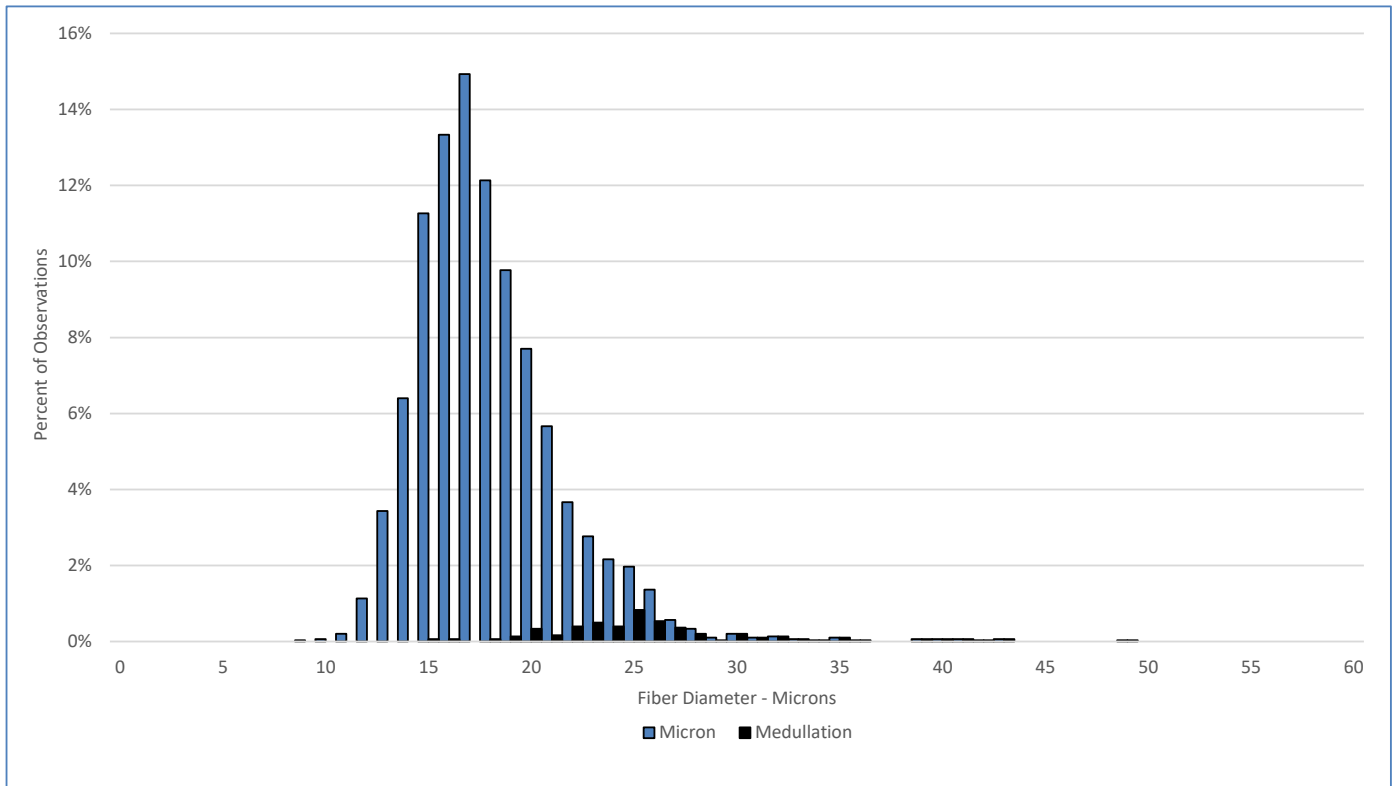
Animal and Sample Description

Animal Name: Helios of Liberas
Registry #: 35548041
Breed: Huacaya
Sex: Male
Colour: 100 - White

Date of Birth (Age): 24-Jun-19
Sample Location: GRID
Sample Date: 21-May-20
Previous Shear Date: 24-Jun-19
Total Fleece Wt (lbs): 5.00

Laboratory Data

Mean Fiber Diameter:	18.1 microns	Mean Staple Length:	116 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	6.7 mm
Coefficient of Variation:	20.0 %	Length Coefficient of Variation:	5.8 %
Spin Fineness:	17.5 microns	Mean Curvature:	43.3 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	24.0 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	5.1 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Jude Davidson
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, Kilmuir 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: nz.wool.timaru@sgs.com Web: www.wooltesting.sgs.com