



## Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Plum Creek Alpacas  
8260 Plum Creek Way  
Prescott Valley, AZ 86315-9260 US

Date: 26-Jul-20  
Shear ID: 199651  
Test No: 200664

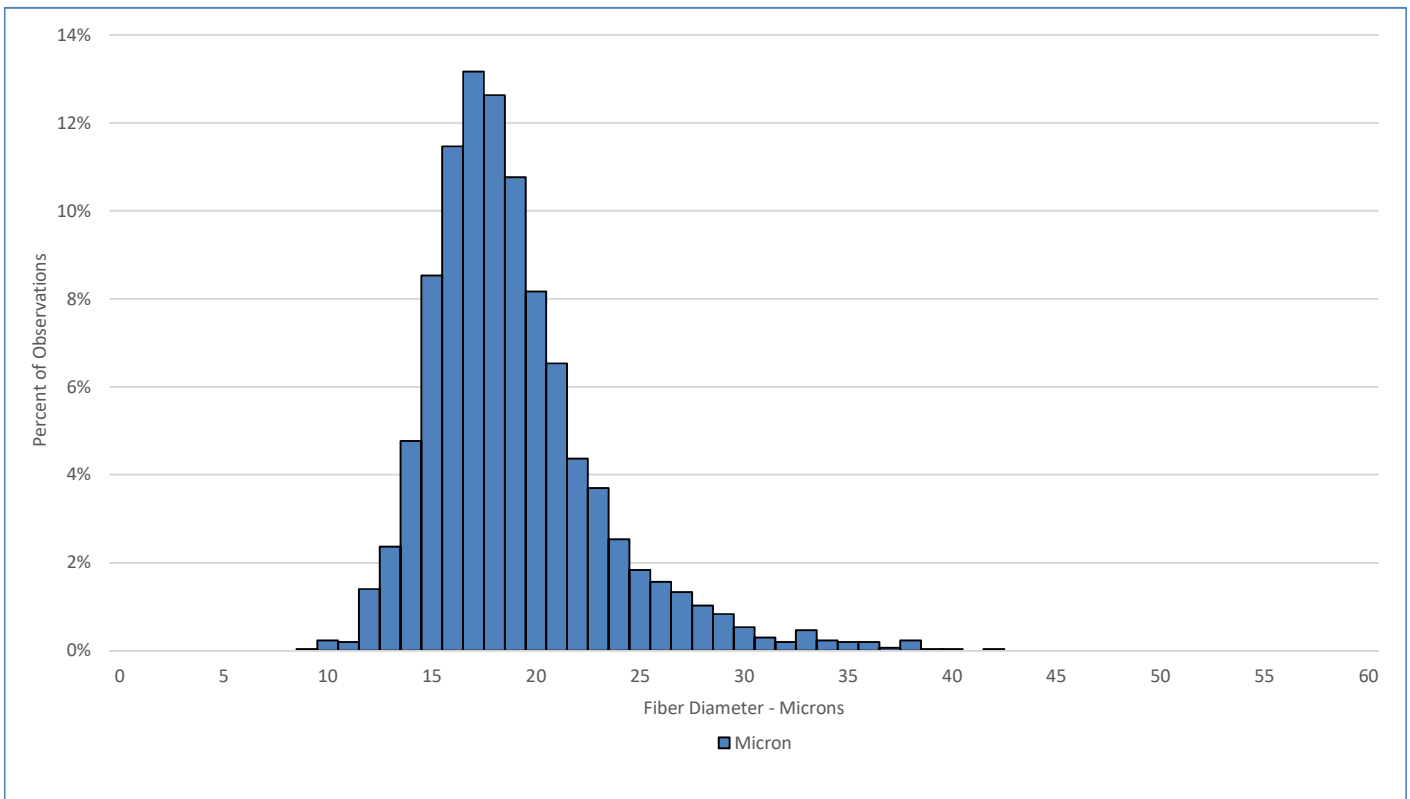
### Animal and Sample Description

Animal Name: DHF PERUVIAN IRENE  
Registry #: 35118626  
Breed: Huacaya  
Sex: Female  
Colour: 202-Light Fawn

Date of Birth (Age): 14-Aug-16  
Sample Location: GRID  
Sample Date: 10-Apr-20  
Previous Shear Date: 16-Apr-19  
Total Fleece Wt (lbs): 4.20

### Laboratory Data

Mean Fiber Diameter:	18.9 microns	Mean Staple Length:	67 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	5.7 mm
Coefficient of Variation:	22.1 %	Length Coefficient of Variation:	8.4 %
Spin Fineness:	18.6 microns	Mean Curvature:	48.3 deg/mm
Fibers Greater Than 30 microns:	2.0 %	SD Curvature:	24.6 deg/mm
Comfort Factor:	98.0 %	Medullated Fibers:	%



### 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, Kilmorie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: [nz.wool.timaru@sgs.com](mailto:nz.wool.timaru@sgs.com) Web: [www.wooltesting.sgs.com](http://www.wooltesting.sgs.com)