



## 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: 199664  
Test No: 200662

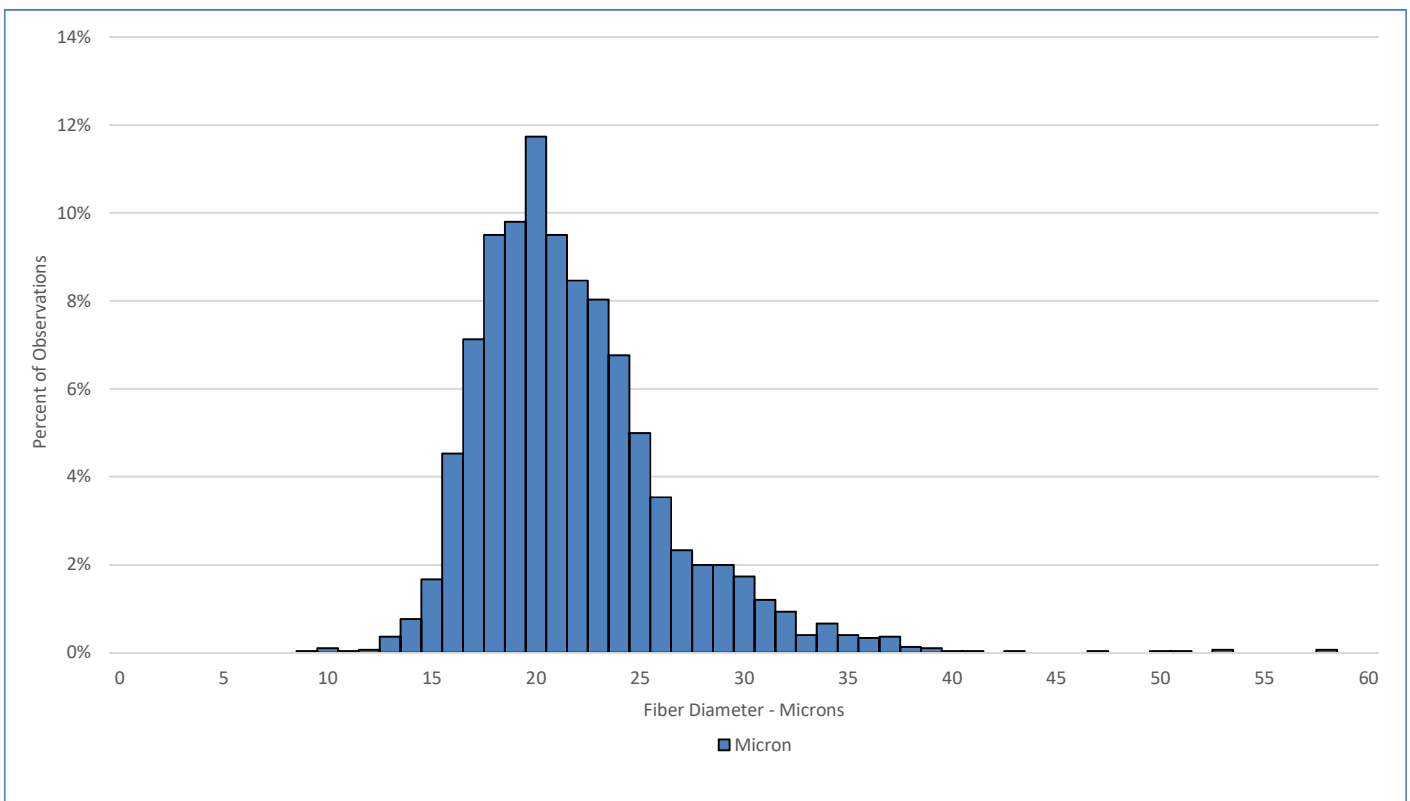
### Animal and Sample Description

Animal Name: PEACEFUL PRAIRIES KNEE DEEP  
Registry #: 35364306  
Breed: Huacaya  
Sex: Female  
Colour: 202-Light Fawn

Date of Birth (Age): 20-Oct-14  
Sample Location: GRID  
Sample Date: 10-Apr-20  
Previous Shear Date: 14-Apr-19  
Total Fleece Wt (lbs): 5.40

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 21.8 microns | Mean Staple Length:              | 57 mm       |
| Standard Deviation:             | 4.8 microns  | Length Standard Deviation:       | 1.9 mm      |
| Coefficient of Variation:       | 21.9 %       | Length Coefficient of Variation: | 3.3 %       |
| Spin Fineness:                  | 21.4 microns | Mean Curvature:                  | 53.7 deg/mm |
| Fibers Greater Than 30 microns: | 4.9 %        | SD Curvature:                    | 29.8 deg/mm |
| Comfort Factor:                 | 95.1 %       | Medullated Fibers:               | %           |



### Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Jude Davidson  
Authorised Signatory

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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: [nz.wool.timaru@sgs.com](mailto:nz.wool.timaru@sgs.com) Web: [www.wooltesting.sgs.com](http://www.wooltesting.sgs.com)