



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

Rare Gem Alpacas  
30049 Stephanie Street, Hemet  
CA 92543, US

Date: 10-May-23  
Shear ID: 246757  
Test No: 611490

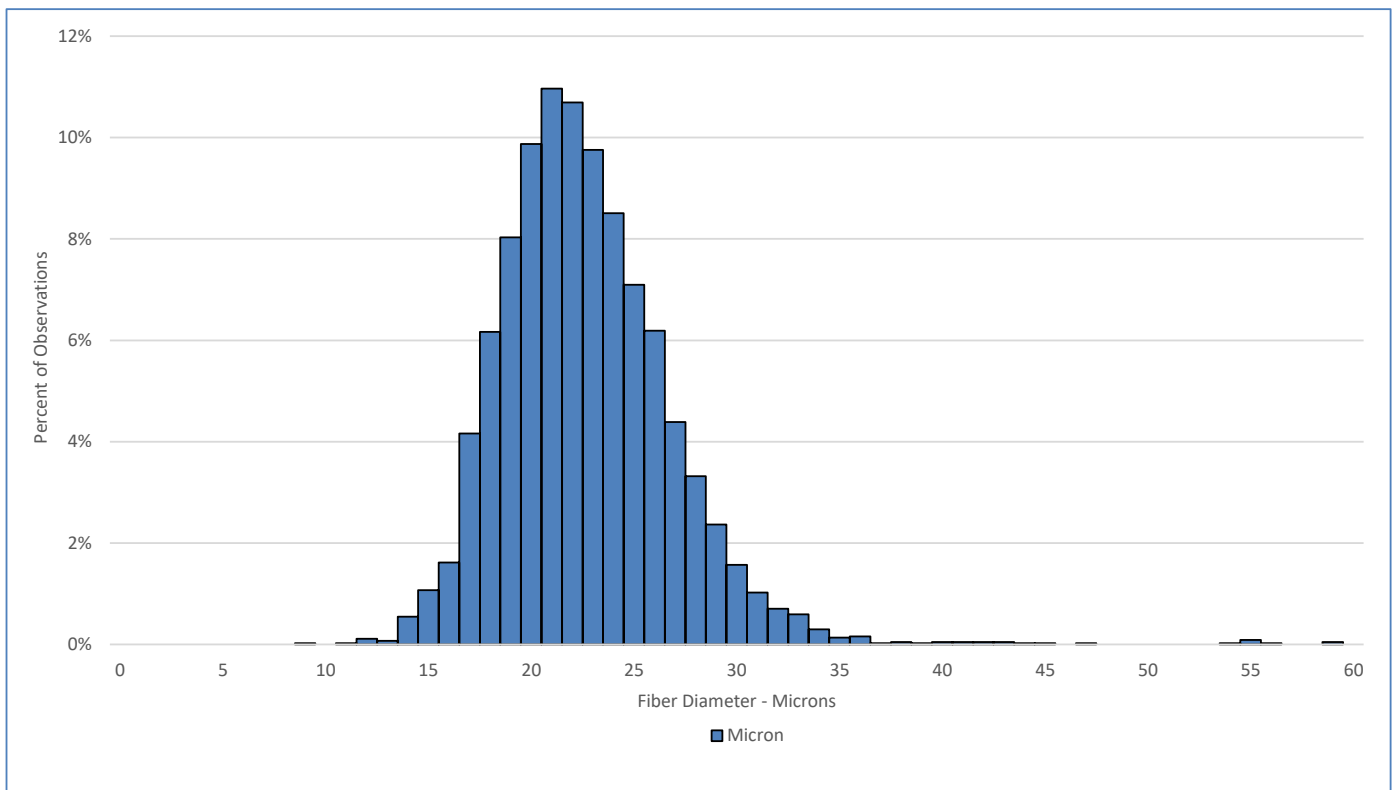
### Animal and Sample Description

Animal Name: TAG Pepper  
Registry #: 35406587  
Breed: Huacaya  
Sex: Female  
Colour: 204 - Medium Fawn

Date of Birth (Age): 11-Jun-18  
Sample Location: GRID  
Sample Date: 21-Apr-23  
Previous Shear Date: 13-May-22  
Total Fleece Wt (lbs): 6.8

### Laboratory Data

Mean Fiber Diameter:	22.6 microns	Mean Staple Length:	69 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	3.5 mm
Coefficient of Variation:	18.8 %	Length Coefficient of Variation:	5.0 %
Spin Fineness:	21.6 microns	Mean Curvature:	57.9 deg/mm
Fibers Greater Than 30 microns:	3.5 %	SD Curvature:	26.3 deg/mm
Comfort Factor:	96.5 %		



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