



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

Arapaho Rose Alpacas  
10702 Arapaho Dr, Redding  
CA 96003-7642, US

Date: 7-Oct-24  
Shear ID: 266265  
Test No: 621795

### Animal and Sample Description

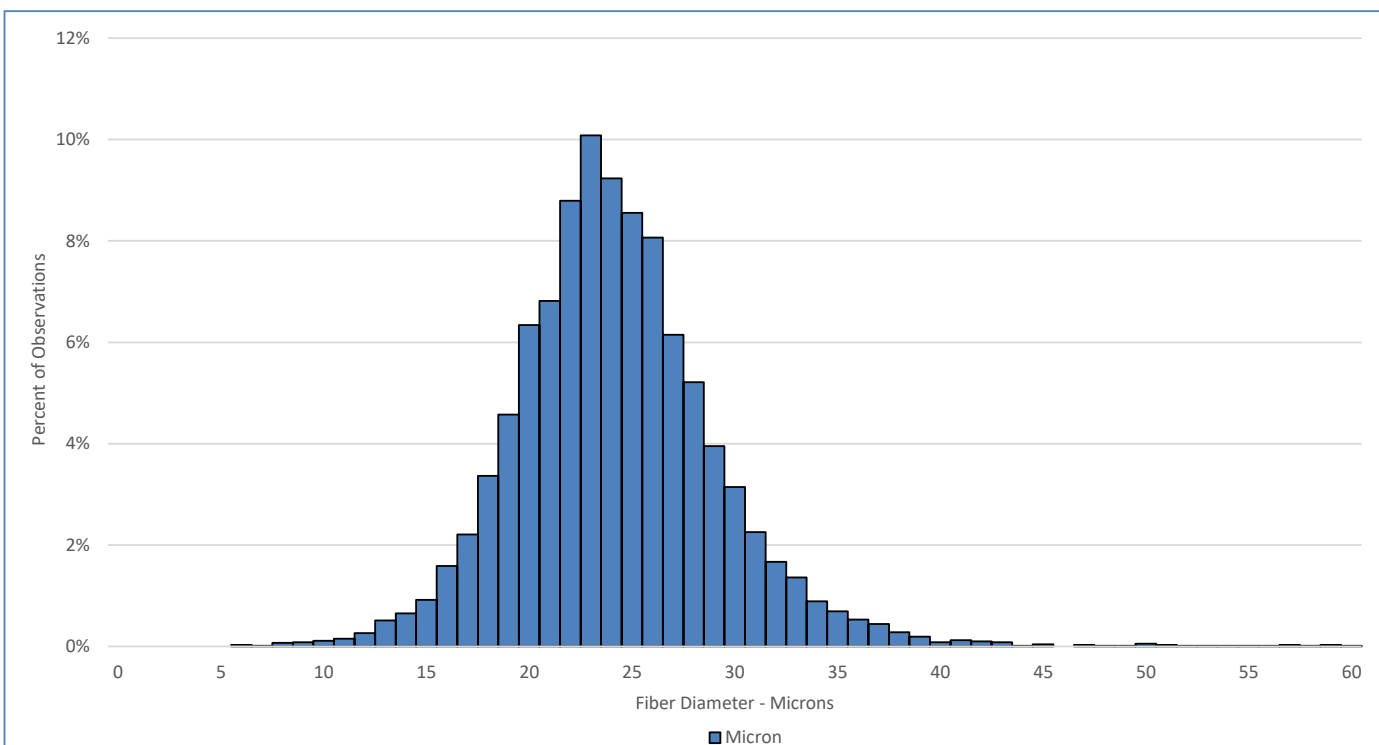
Animal Name: ARAPAH0 Poseidonn's PHANTOM  
Registry #: 36254682  
Breed: Huacaya  
Sex: Male  
Colour: 401 - Light Silver Grey

Date of Birth (Age): 29-Oct-22  
Sample Location: GRID  
Sample Date: 17-Apr-24  
Previous Shear Date:  
Total Fleece Wt (lbs): 9.30

### Laboratory Data

Mean Fiber Diameter: 24.2 microns  
Standard Deviation: 5.3 microns  
Coefficient of Variation: 21.8 %  
Spin Fineness: 23.8 microns  
Fibers Greater Than 30 microns: 9.1 %  
Comfort Factor: 90.9 %

Mean Staple Length: 111 mm  
Length Standard Deviation: 2.7 mm  
Length Coefficient of Variation: 2.4 %  
Mean Curvature: 48.9 deg/mm  
SD Curvature: 35.0 deg/mm



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, Kilbirnie 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)