



Yocom-McColl Testing Laboratories, Inc.

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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rare Gem Alpacas/Darcy Phillips
3507 W Stetson Ave #202
Hemet CA 92545-9740 USA

Date: 09/19/19
Shear ID: 194075
Test No: 983457

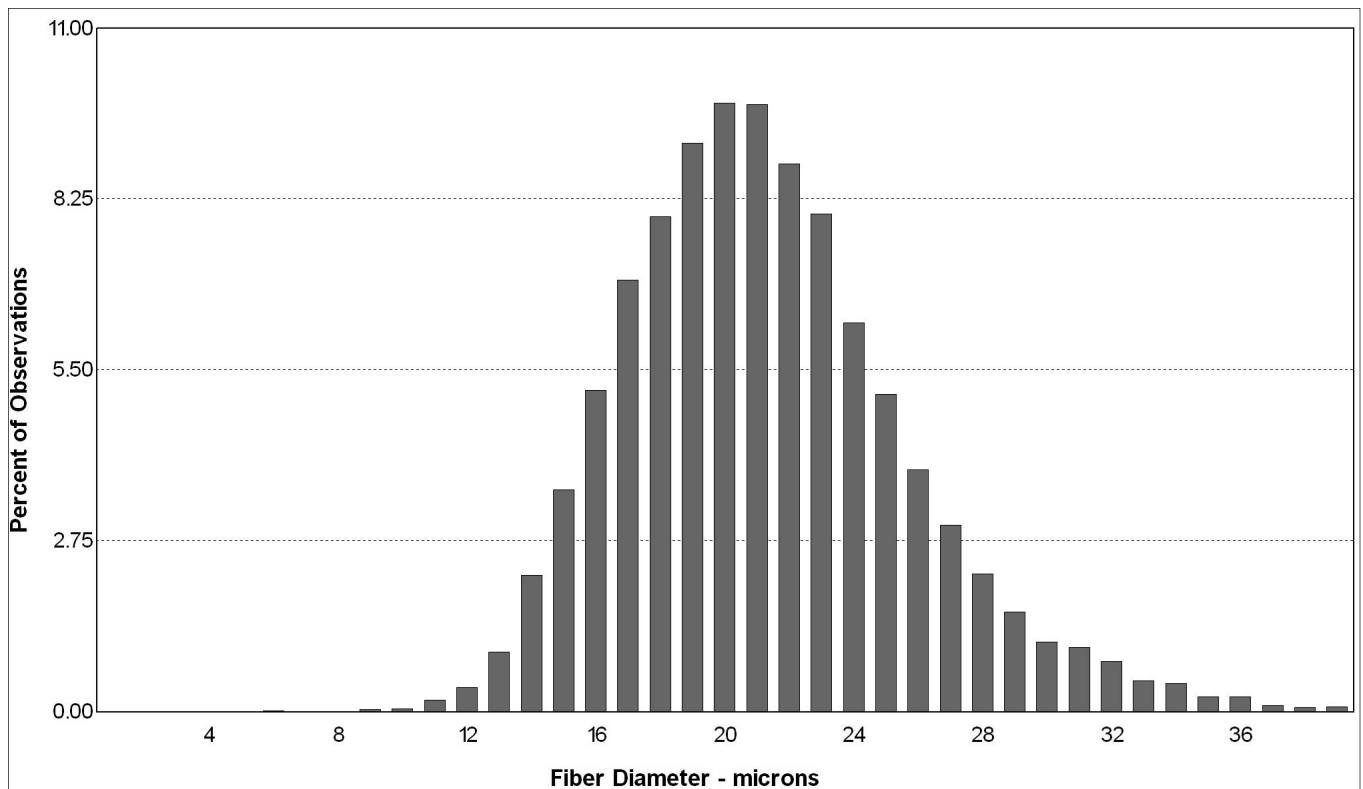
Animal and Sample Description

Animal Name: Granite Bay National Velvet
ARI #: 32305869
Breed: Alpaca(Huacaya)
Sex: Female
Color: True Black

Date of Birth (Age): 07/12/14
Sample Location: Side
Sample Date: 04/30/19
Previous Shear Date: 04/14/18
Total Fleece Wt (lbs): 5.00

Laboratory Data

| | | | |
|--|--------------|---|-------------|
| Mean Fiber Diameter: | 21.3 microns | Mean Staple Length: | 71.2 mm |
| Standard Deviation: | 4.6 microns | Length Standard Deviation: | 8.5 mm |
| Coefficient of Variation: | 21.4 % | Length Coefficient of Variation: | 11.9 % |
| Spin Fineness: | 20.8 microns | Mean Curvature: | 33.1 deg/mm |
| Fibers Greater Than 30 microns: | 3.8 % | SD Curvature: | 20.2 deg/mm |
| Comfort Factor: | 96.2 % | | |



This Test Performed According to I.W.T.O Method 47