



## Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

### Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Alpaca Rainbow Ranch/JM Keehn/DK Sonksen  
14875 Handle Rd  
Colorado Springs CO 80930 USA

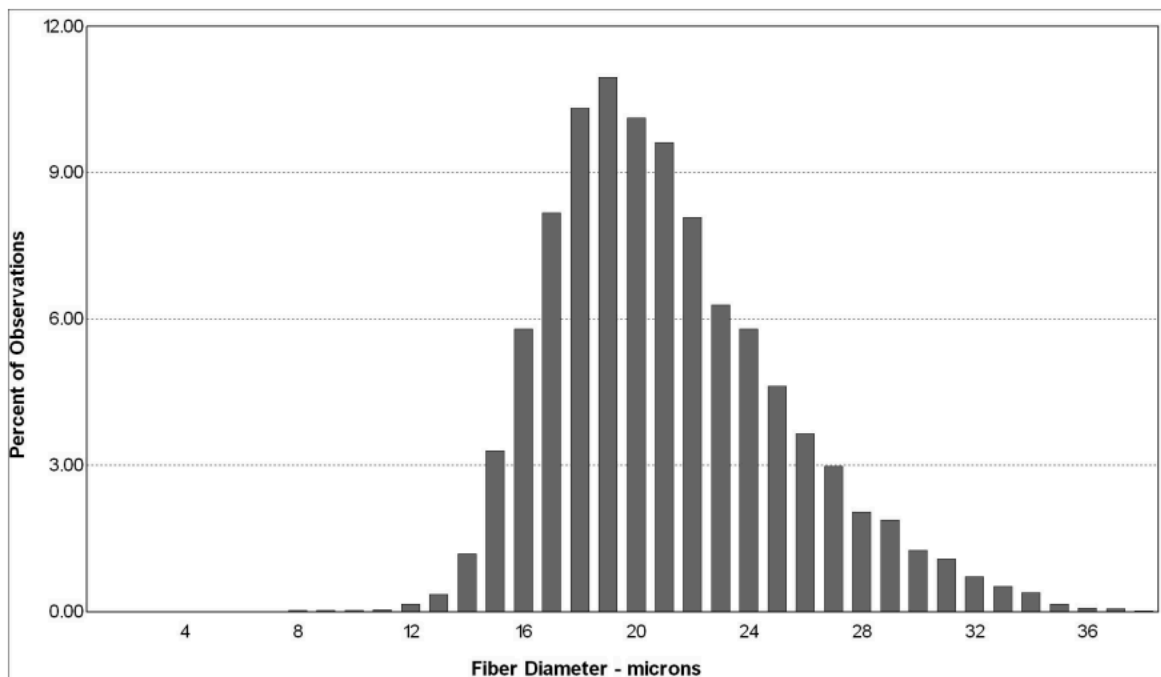
Date: 09/04/19  
Shear ID: 191546  
Test No: 981409

#### Animal and Sample Description

<b>Animal Name:</b> BearRiver's Smoking Gun	<b>Date of Birth (Age):</b> 10/14/15
<b>ARI #:</b> 35296799	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Huacaya)	<b>Sample Date:</b> 06/27/19
<b>Sex:</b> Male	<b>Previous Shear Date:</b> 06/15/18
<b>Color:</b> Med Silver Grey	<b>Total Fleece Wt (lbs):</b> 4.80

#### Laboratory Data

<b>Mean Fiber Diameter:</b>	21.2 microns	<b>Mean Staple Length:</b>	94.6 mm
<b>Standard Deviation:</b>	4.5 microns	<b>Length Standard Deviation:</b>	2.1 mm
<b>Coefficient of Variation:</b>	21.0 %	<b>Length Coefficient of Variation:</b>	2.2 %
<b>Spin Fineness:</b>	20.6 microns	<b>Mean Curvature:</b>	42.9 deg/mm
<b>Fibers Greater Than 30 microns:</b>	3.3 %	<b>SD Curvature:</b>	24.2 deg/mm
<b>Comfort Factor:</b>	96.7 %		



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