



# Yocom-McColl Testing Laboratories, Inc.

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

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

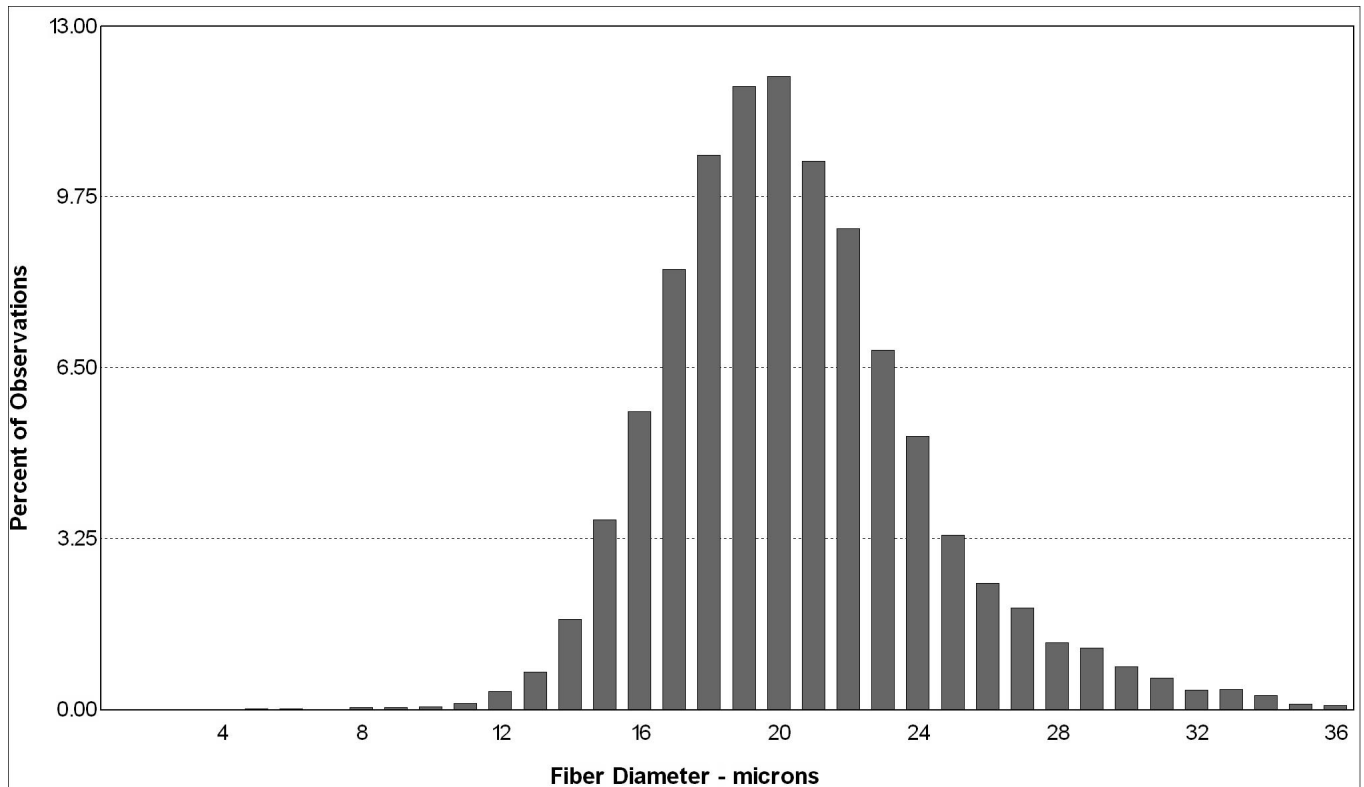
**Date:** 09/04/19  
**Shear ID:** 191551  
**Test No:** 981404

### Animal and Sample Description

<b>Animal Name:</b>	RainbowRanch's Sofie	<b>Date of Birth (Age):</b>	07/23/17
<b>ARI #:</b>	35095118	<b>Sample Location:</b>	Side
<b>Breed:</b>	Alpaca(Huacaya)	<b>Sample Date:</b>	06/27/19
<b>Sex:</b>	Female	<b>Previous Shear Date:</b>	06/15/18
<b>Color:</b>	Lt Rose Grey	<b>Total Fleece Wt (lbs):</b>	4.20

### Laboratory Data

<b>Mean Fiber Diameter:</b>	20.6 microns	<b>Mean Staple Length:</b>	106.4 mm
<b>Standard Deviation:</b>	4.1 microns	<b>Length Standard Deviation:</b>	3.4 mm
<b>Coefficient of Variation:</b>	19.9 %	<b>Length Coefficient of Variation:</b>	3.2 %
<b>Spin Fineness:</b>	19.8 microns	<b>Mean Curvature:</b>	42.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	2.3 %	<b>SD Curvature:</b>	23.7 deg/mm
<b>Comfort Factor:</b>	97.7 %		



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