



# 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

Plum Creek Alpacas/Brian B. Smith  
8260 Plum Creek Way  
Prescott Valley AZ 86315-9260 USA

**Date:** 07/22/19  
**Shear ID:** 184546  
**Test No:** 976852

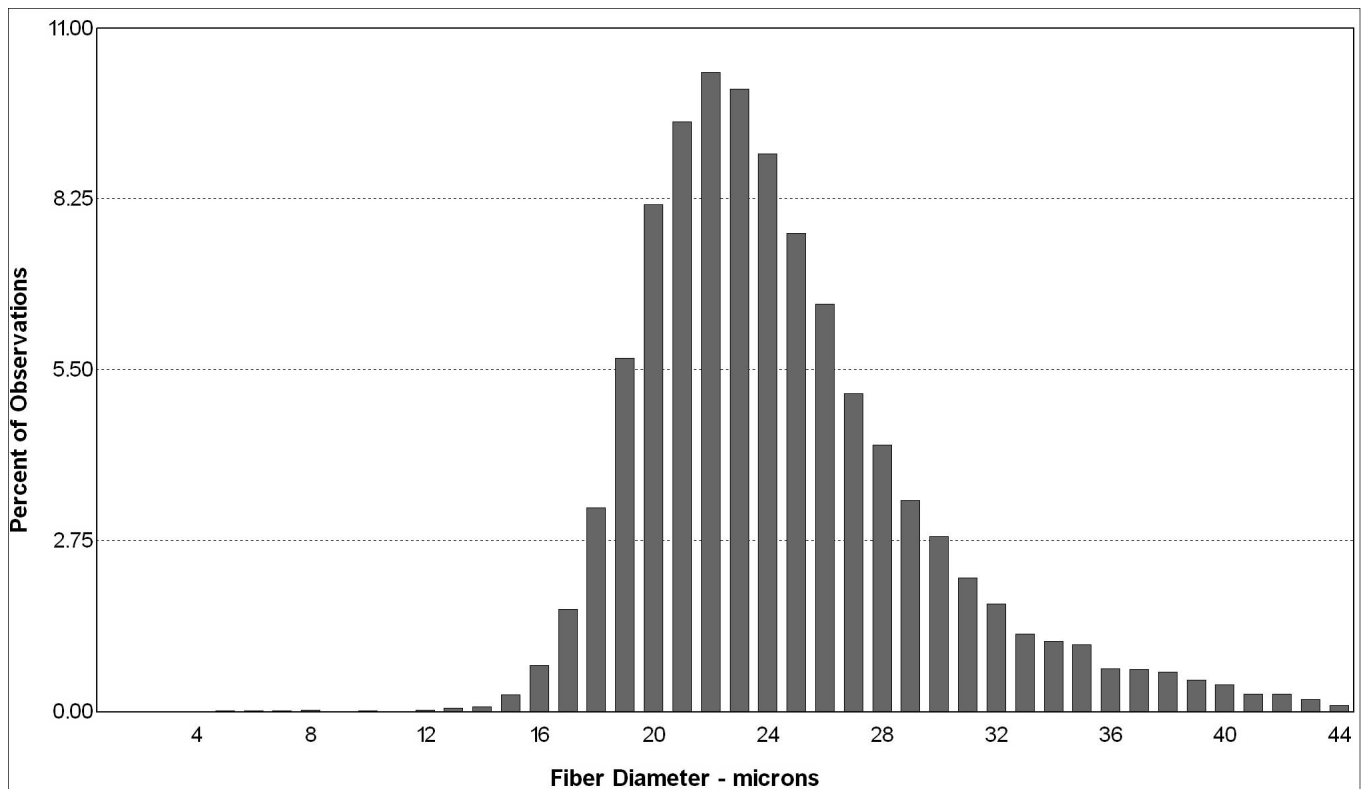
### Animal and Sample Description

**Animal Name:** Black Hills Capone  
**ARI #:** 35262213  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** Lt Silver Grey

**Date of Birth (Age):** 09/28/14  
**Sample Location:** Side  
**Sample Date:** 04/17/19  
**Previous Shear Date:** 04/18/18  
**Total Fleece Wt (lbs):** 6.13

### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.5 microns	<b>Mean Staple Length:</b>	80.6 mm
<b>Standard Deviation:</b>	5.1 microns	<b>Length Standard Deviation:</b>	2.1 mm
<b>Coefficient of Variation:</b>	20.6 %	<b>Length Coefficient of Variation:</b>	2.6 %
<b>Spin Fineness:</b>	23.8 microns	<b>Mean Curvature:</b>	36.8 deg/mm
<b>Fibers Greater Than 30 microns:</b>	11.3 %	<b>SD Curvature:</b>	21.3 deg/mm
<b>Comfort Factor:</b>	88.7 %		



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