



## 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

Castlehill Farm, Inc/NGG Alpacas/Nola Graham  
12227 Casa Rd SW  
Tumwater WA 98512 U.S.A.

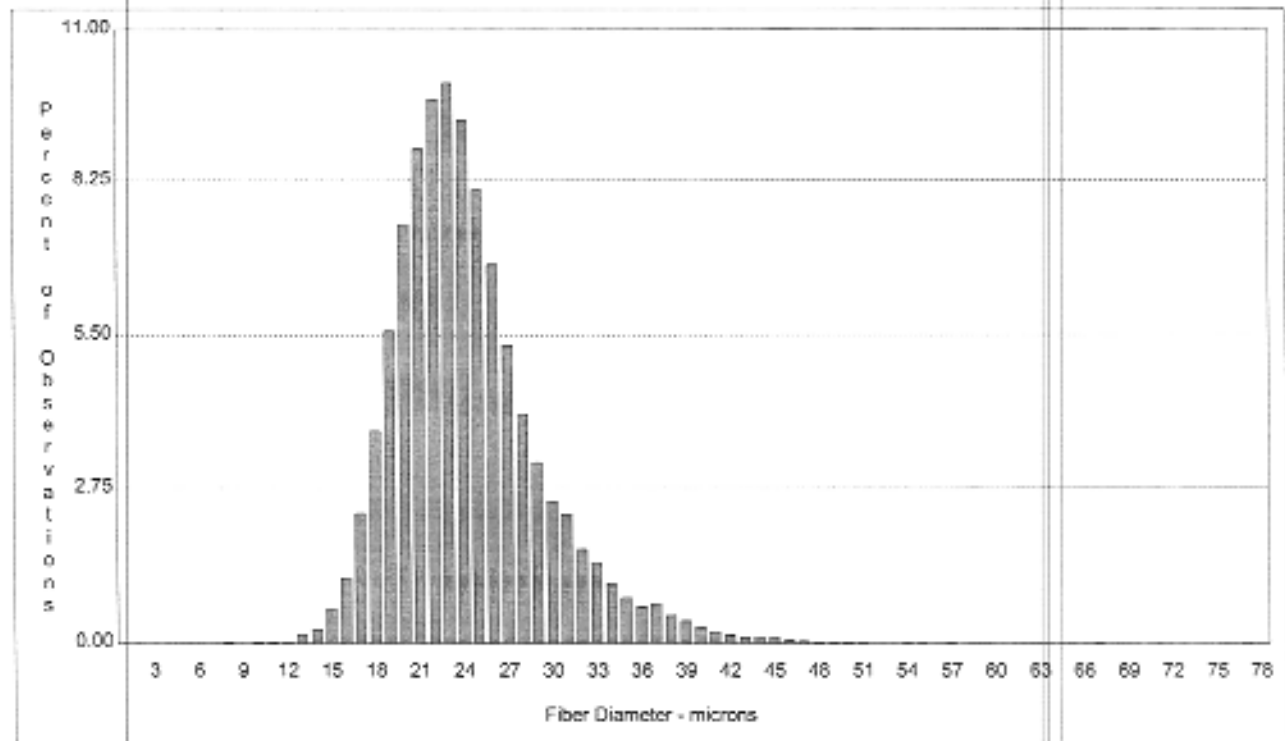
Date: 03/13/09  
IAC No: 4230  
Test No: 345701

#### Animal and Sample Description

<b>Animal Name:</b> Black Magic Women	<b>Animal ID:</b> 31106078
<b>Breed:</b> Alpaca(Suri)	<b>Sample Location:</b> Side
<b>Sex:</b> Female	<b>Sample Date:</b> 07/01/08
<b>Color:</b> Bay Black	<b>Age:</b> 18 Months

#### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.3 microns	<b>Mean Staple Length:</b>	171.6 mm
<b>Standard Deviation:</b>	5.1 microns	<b>Length Standard Deviation:</b>	4.0 mm
<b>Coefficient of Variation:</b>	20.8 %	<b>Length Coefficient of Variation:</b>	2.4 %
<b>Spin Fineness:</b>	23.6 microns	<b>Mean Curvature:</b>	13.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	10.7 %	<b>SD Curvature:</b>	17.7 deg/mm
<b>Comfort Factor:</b>	89.3 %		



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