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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Bridgetown Suri Alpacas/Pamela Kelly
9875 Bayside Rd
Machipongo VA 23405-1833 USA

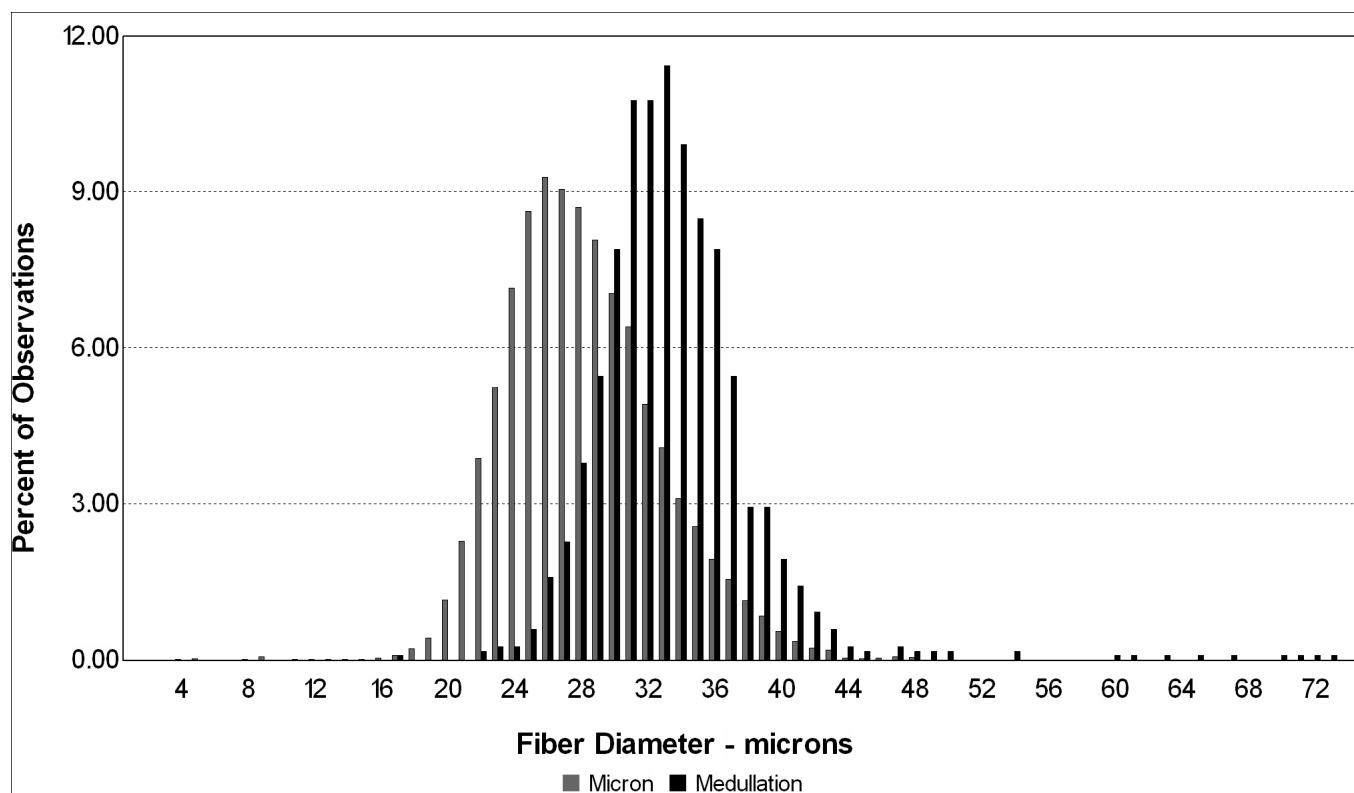
Date: 09/19/17
Shear ID: 150548
Test No: 950809

Animal and Sample Description

| | |
|--|--------------------------------------|
| Animal Name: Bridgetown's Peruvian Madrigal | Date of Birth (Age): 05/24/13 |
| ARI #: 32624717 | Sample Location: Side |
| Breed: Alpaca(Suri) | Sample Date: 04/05/17 |
| Sex: Female | Previous Shear Date: 03/31/16 |
| Color: White | Total Fleece Wt (lbs): 6.20 |

Laboratory Data

| | |
|---|---|
| Mean Fiber Diameter: 28.3 microns | Mean Staple Length: 139.4 mm |
| Standard Deviation: 4.9 microns | Length Standard Deviation: 4.8 mm |
| Coefficient of Variation: 17.4 % | Length Coefficient of Variation: 3.5 % |
| Spin Fineness: 26.8 microns | Mean Curvature: 8.9 deg/mm |
| Fibers Greater Than 30 microns: 28.5 % | SD Curvature: 11.4 deg/mm |
| Comfort Factor: 71.5 % | Medullated Fibers: 14.7 % |



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