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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Big Timber Alpacas, LLC/Susan King
29400 SW Heater Rd
Sherwood OR 97140-5004

Date: 08/05/14
Shear ID: 81456
Test No: 488598

Animal and Sample Description

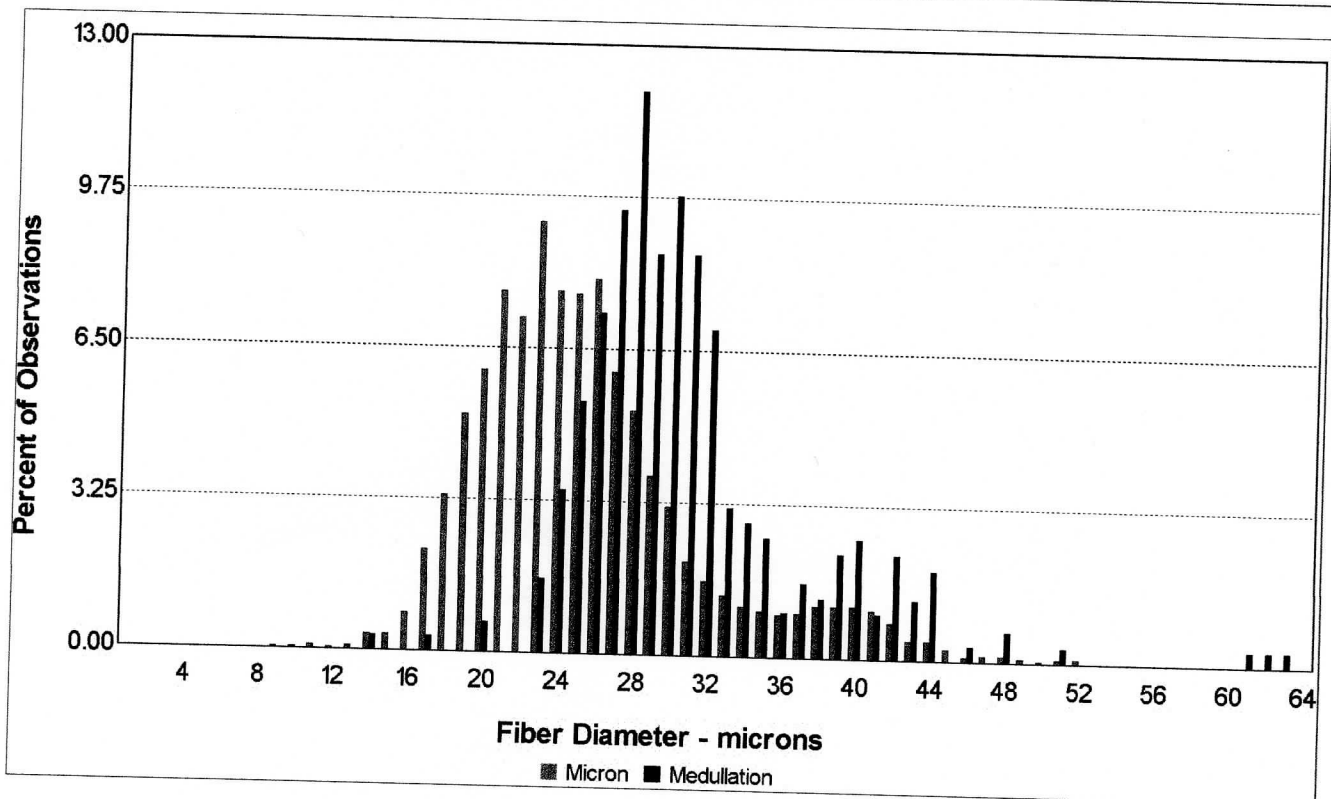
Animal Name: Keresan
ARI #: 31916264
Breed: Alpaca(Suri)
Sex: Female
Color: White

Date of Birth (Age): 07/14/07
Sample Location: Side
Sample Date: 06/09/14
Previous Shear Date: 06/01/13
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 25.7 microns
Standard Deviation: 6.6 microns
Coefficient of Variation: 25.6 %
Spin Fineness: 26.1 microns
Fibers Greater Than 30 microns: 16.1 %
Comfort Factor: 83.9 %

Mean Staple Length: 132.2 mm
Length Standard Deviation: 7.7 mm
Length Coefficient of Variation: 5.8 %
Mean Curvature: 8.4 deg/mm
SD Curvature: 13.4 deg/mm
Medullated Fibers: 6.6 %



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