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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Derwydd Alpacas/Dale Davis
24485 Derwydd Way
Esparto CA 95627-2239 USA

Date: 08/20/15
Shear ID: 108280
Test No: 911916

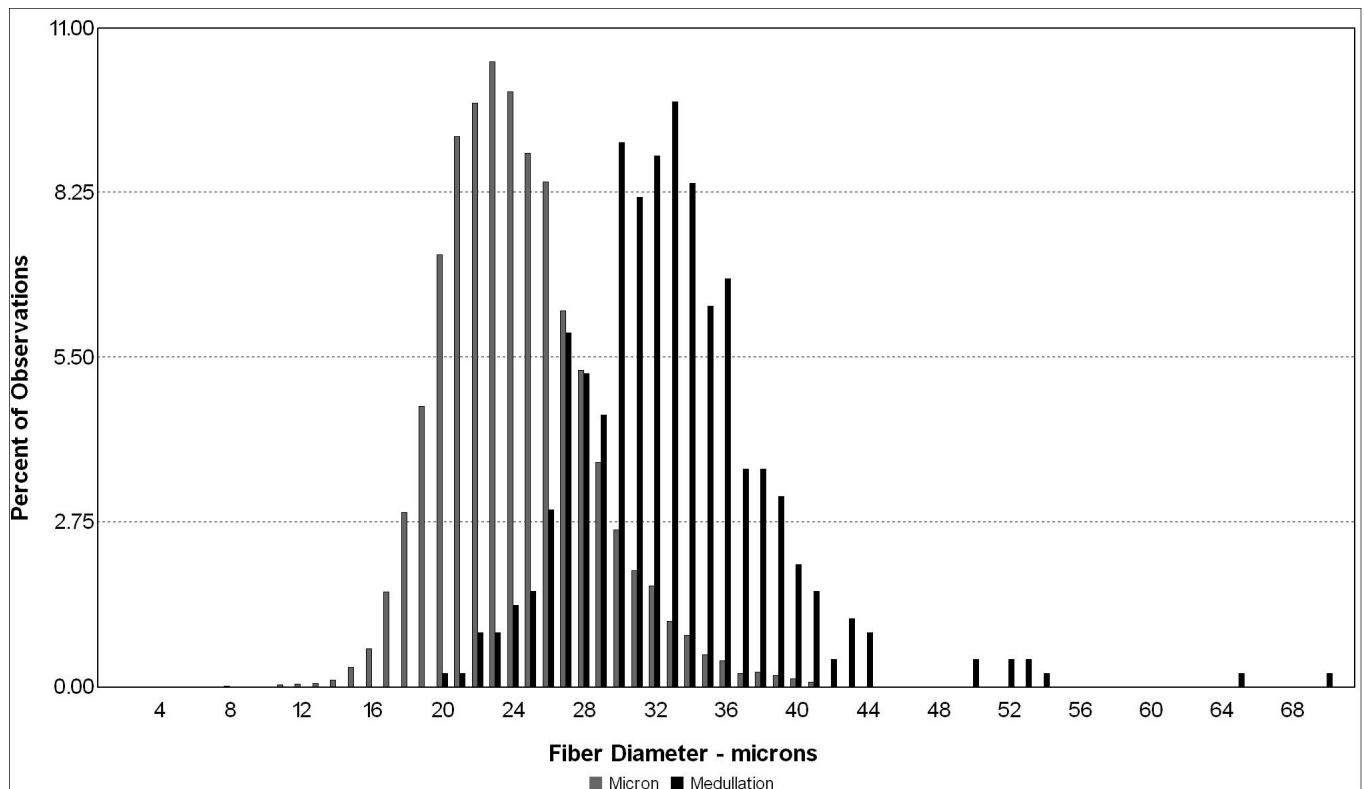
Animal and Sample Description

Animal Name: Derwydd El Nino's Accoyo Manchu
ARI #: 1201253
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 09/18/04
Sample Location: Side
Sample Date: 04/05/15
Previous Shear Date: 04/06/14
Total Fleece Wt (lbs): 10.80

Laboratory Data

Mean Fiber Diameter:	24.3 microns	Mean Staple Length:	74.6 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	7.1 mm
Coefficient of Variation:	18.1 %	Length Coefficient of Variation:	9.5 %
Spin Fineness:	23.1 microns	Mean Curvature:	39.8 deg/mm
Fibers Greater Than 30 microns:	7.8 %	SD Curvature:	23.9 deg/mm
Comfort Factor:	92.2 %	Medullated Fibers:	5.2 %



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