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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Akuna Matada Suris/Deb & Doug Christner
28444 Redlands Mesa Rd
Hotchkiss CO 81419-6210 USA

Date: 06/29/18
Shear ID: 169118
Test No: 962781

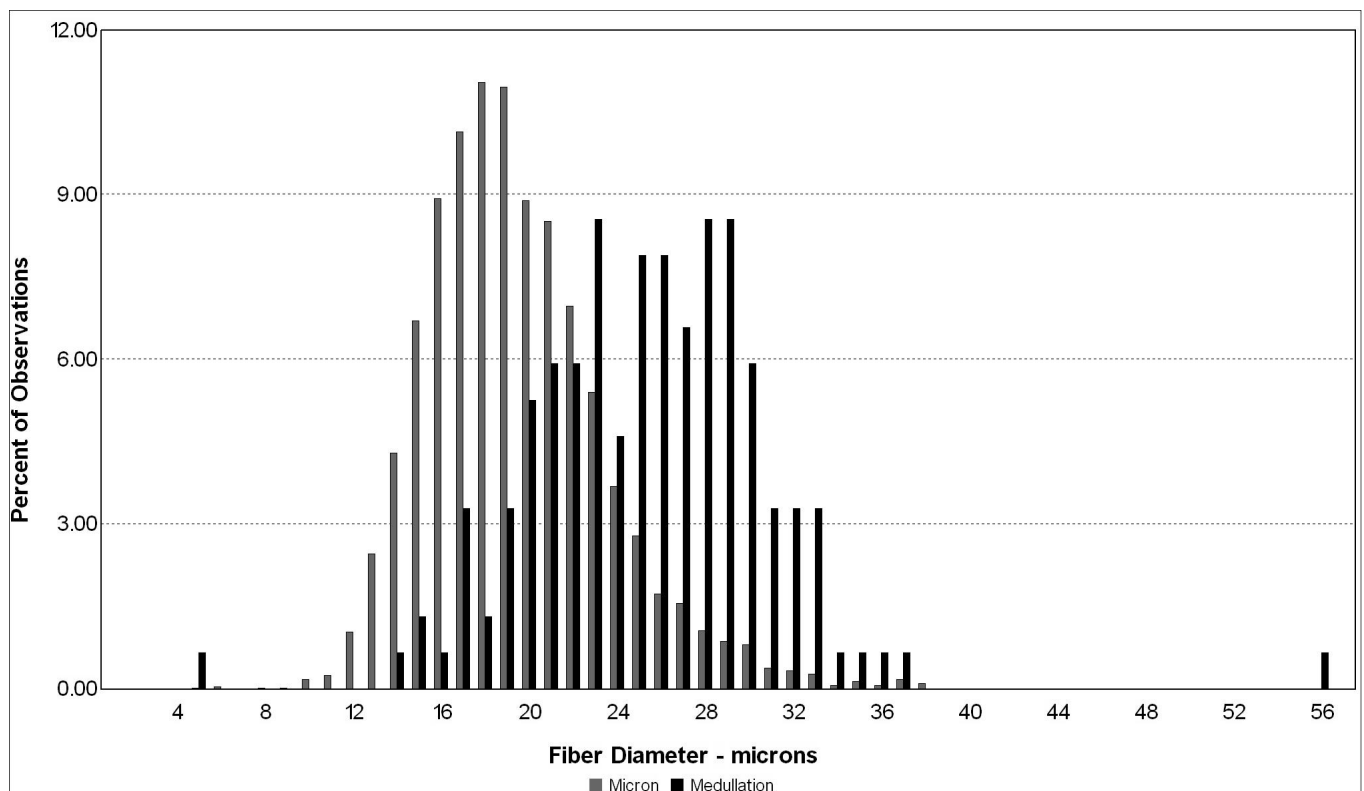
Animal and Sample Description

Animal Name: WTR Bullet Proof Rachel
ARI #: 32368369
Breed: Alpaca(Suri)
Sex: Female
Color: White

Date of Birth (Age): 08/22/13
Sample Location: Side
Sample Date: 05/25/18
Previous Shear Date: 05/11/17
Total Fleece Wt (lbs): 5.06

Laboratory Data

Mean Fiber Diameter:	19.5 microns	Mean Staple Length:	130.6 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	10.1 mm
Coefficient of Variation:	24.5 %	Length Coefficient of Variation:	7.7 %
Spin Fineness:	19.6 microns	Mean Curvature:	15.0 deg/mm
Fibers Greater Than 30 microns:	1.6 %	SD Curvature:	19.2 deg/mm
Comfort Factor:	98.4 %	Medullated Fibers:	2.5 %



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