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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Alpaca Rainbow Ranch/JM Keehn/DK Sonksen
14875 Handle Rd
Colorado Springs CO 80930 USA

Date: 09/04/19
Shear ID: 191548
Test No: 981403

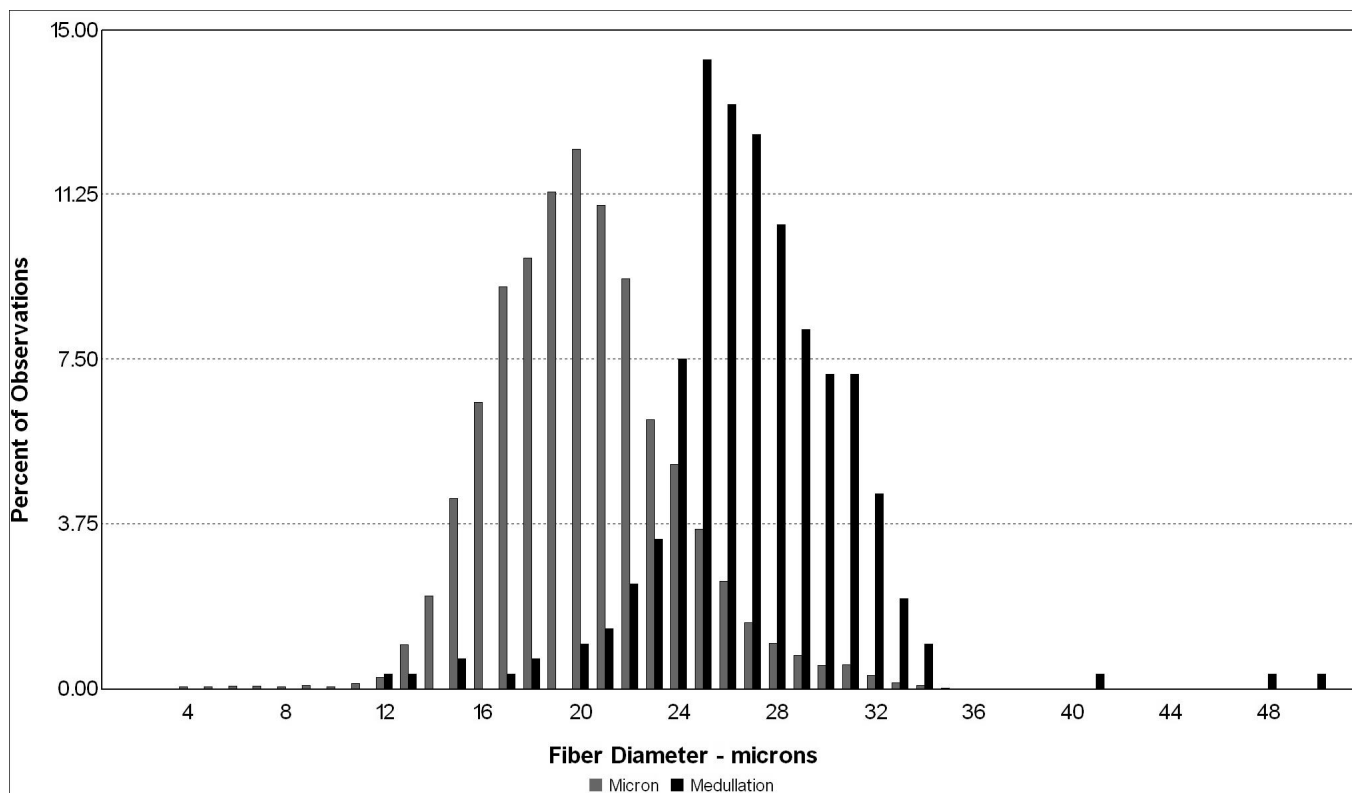
Animal and Sample Description

Animal Name: RainbowRanch's Diamond
ARI #: 35095248
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 09/03/18
Sample Location: Side
Sample Date: 06/27/19
Previous Shear Date: 09/15/18
Total Fleece Wt (lbs): 3.80

Laboratory Data

Mean Fiber Diameter:	20.1 microns	Mean Staple Length:	88.8 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	6.6 mm
Coefficient of Variation:	18.5 %	Length Coefficient of Variation:	7.4 %
Spin Fineness:	19.2 microns	Mean Curvature:	42.2 deg/mm
Fibers Greater Than 30 microns:	1.2 %	SD Curvature:	24.1 deg/mm
Comfort Factor:	98.8 %	Medullated Fibers:	6.0 %



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