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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: 191557
Test No: 981412

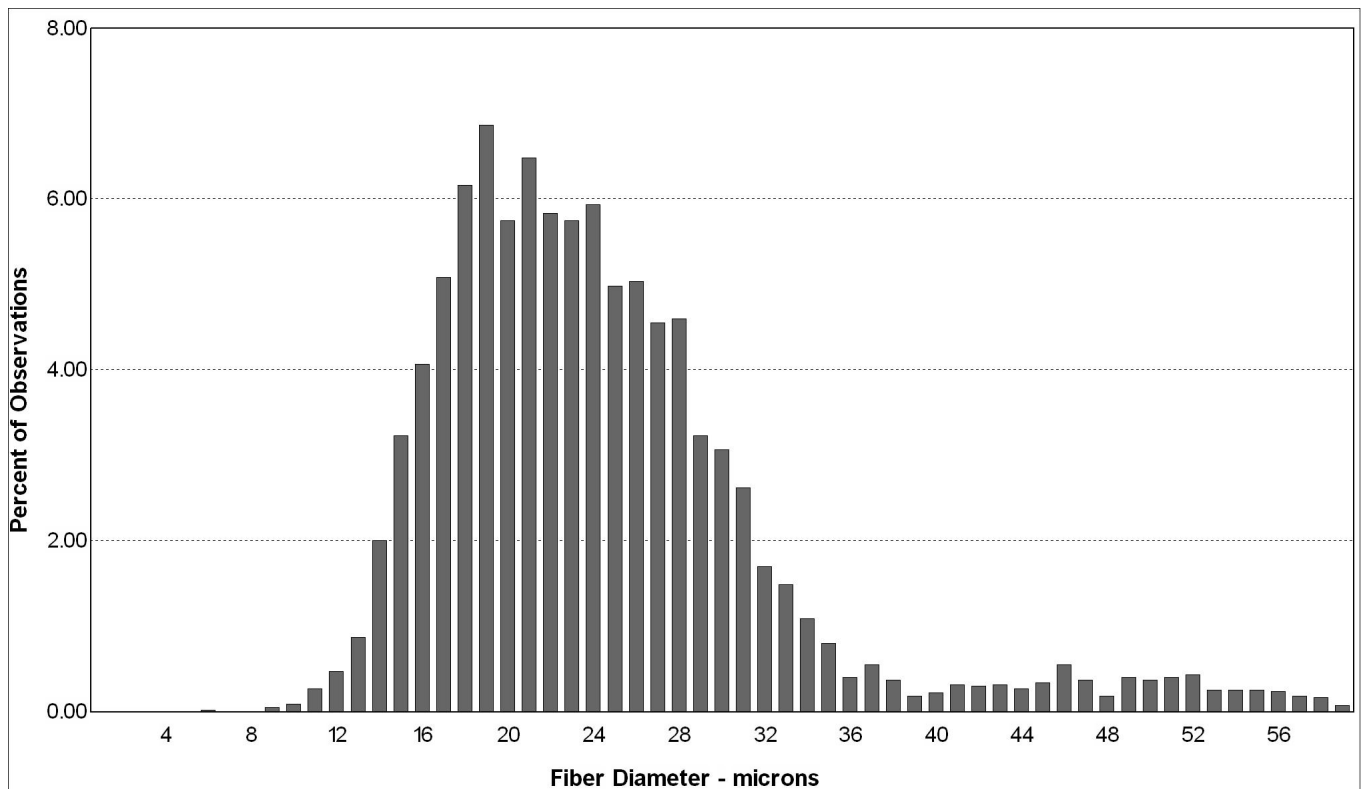
Animal and Sample Description

Animal Name: Rare Gem Tanzanite
ARI #: 35365945
Breed: Alpaca(Huacaya)
Sex: Female
Color: Lt Silver Grey

Date of Birth (Age): 10/14/16
Sample Location: Side
Sample Date: 06/27/19
Previous Shear Date: 06/15/18
Total Fleece Wt (lbs): 5.40

Laboratory Data

Mean Fiber Diameter:	24.7 microns	Mean Staple Length:	120.0 mm
Standard Deviation:	8.8 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	35.5 %	Length Coefficient of Variation:	2.4 %
Spin Fineness:	27.7 microns	Mean Curvature:	31.0 deg/mm
Fibers Greater Than 30 microns:	15.6 %	SD Curvature:	19.4 deg/mm
Comfort Factor:	84.4 %		



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