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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

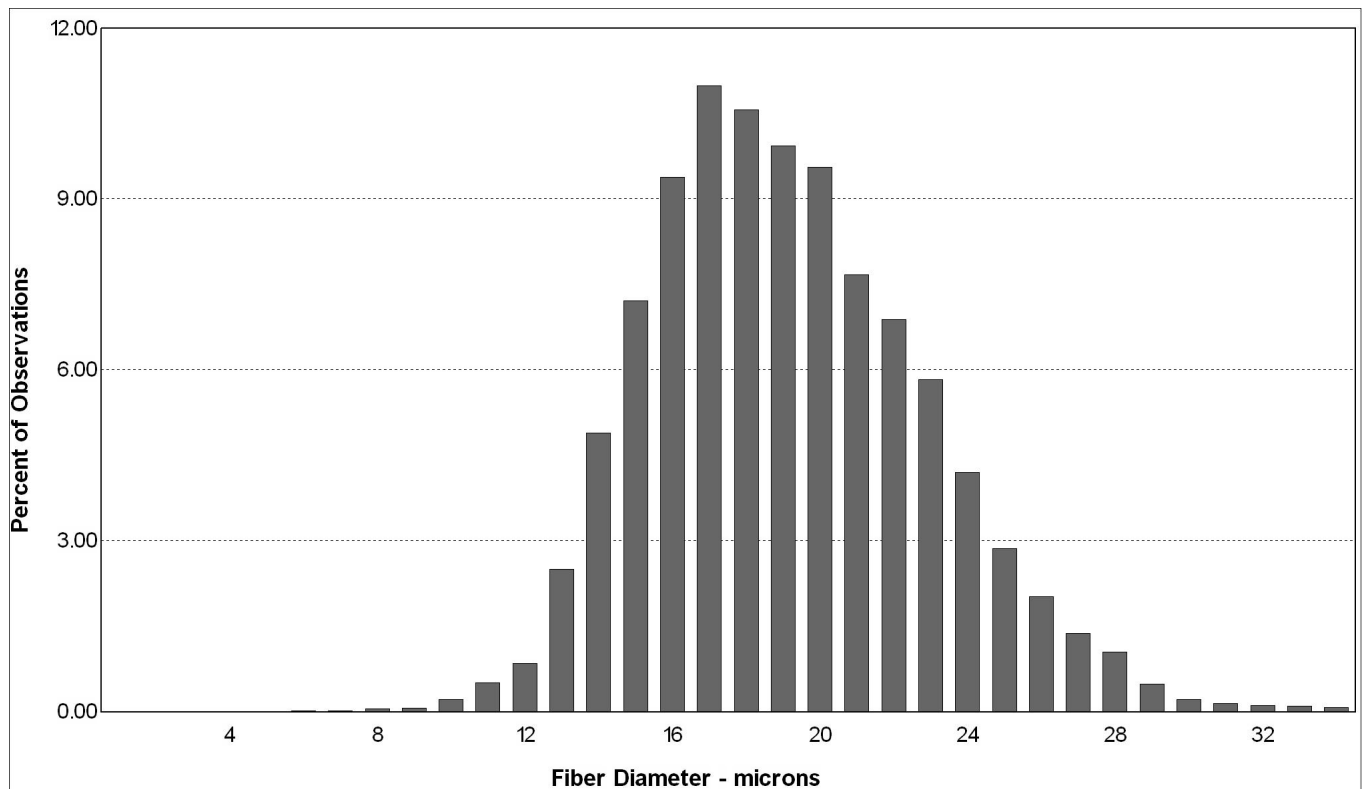
Date: 09/04/19
Shear ID: 191554
Test No: 981407

Animal and Sample Description

Animal Name:	RainbowRanch's Toruk	Date of Birth (Age):	07/30/17
ARI #:	35095101	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	06/27/19
Sex:	Male	Previous Shear Date:	06/15/18
Color:	Dark Rose Grey	Total Fleece Wt (lbs):	4.00

Laboratory Data

Mean Fiber Diameter:	19.2 microns	Mean Staple Length:	95.4 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	3.3 mm
Coefficient of Variation:	20.2 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	18.5 microns	Mean Curvature:	45.7 deg/mm
Fibers Greater Than 30 microns:	0.7 %	SD Curvature:	24.6 deg/mm
Comfort Factor:	99.3 %		



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