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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

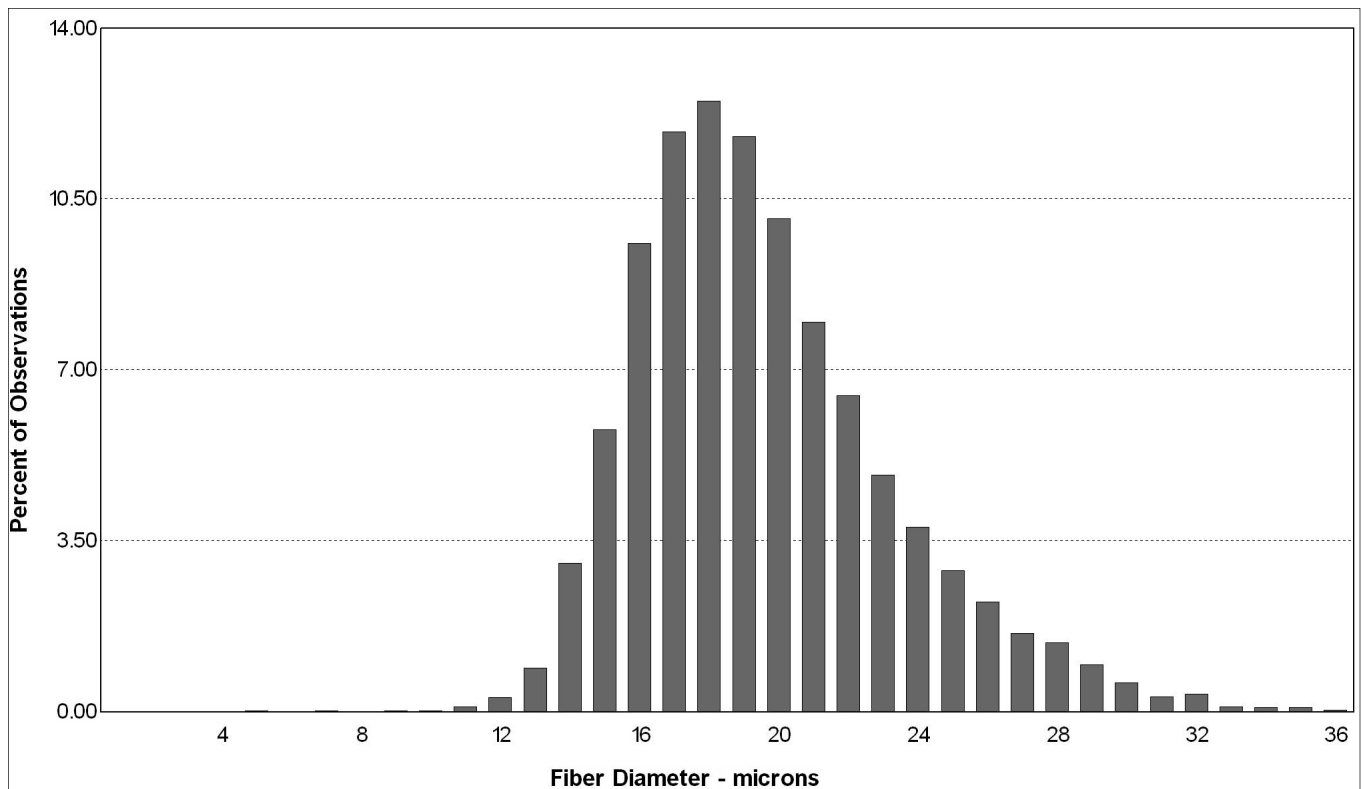
Date: 09/04/19
Shear ID: 191550
Test No: 981415

Animal and Sample Description

Animal Name:	RainbowRanch's Maggie	Date of Birth (Age):	08/02/15
ARI #:	35095125	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	06/27/19
Sex:	Female	Previous Shear Date:	06/15/18
Color:	Dark Fawn	Total Fleece Wt (lbs):	4.60

Laboratory Data

Mean Fiber Diameter:	19.7 microns	Mean Staple Length:	97.4 mm
Standard Deviation:	4.1 microns	Length Standard Deviation:	1.5 mm
Coefficient of Variation:	20.7 %	Length Coefficient of Variation:	1.6 %
Spin Fineness:	19.1 microns	Mean Curvature:	48.7 deg/mm
Fibers Greater Than 30 microns:	1.2 %	SD Curvature:	26.9 deg/mm
Comfort Factor:	98.8 %		



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