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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Shambalah Alpaca Ranch/Hillary J Devin
7157 E Park Dr
Franktown CO 80116-9631

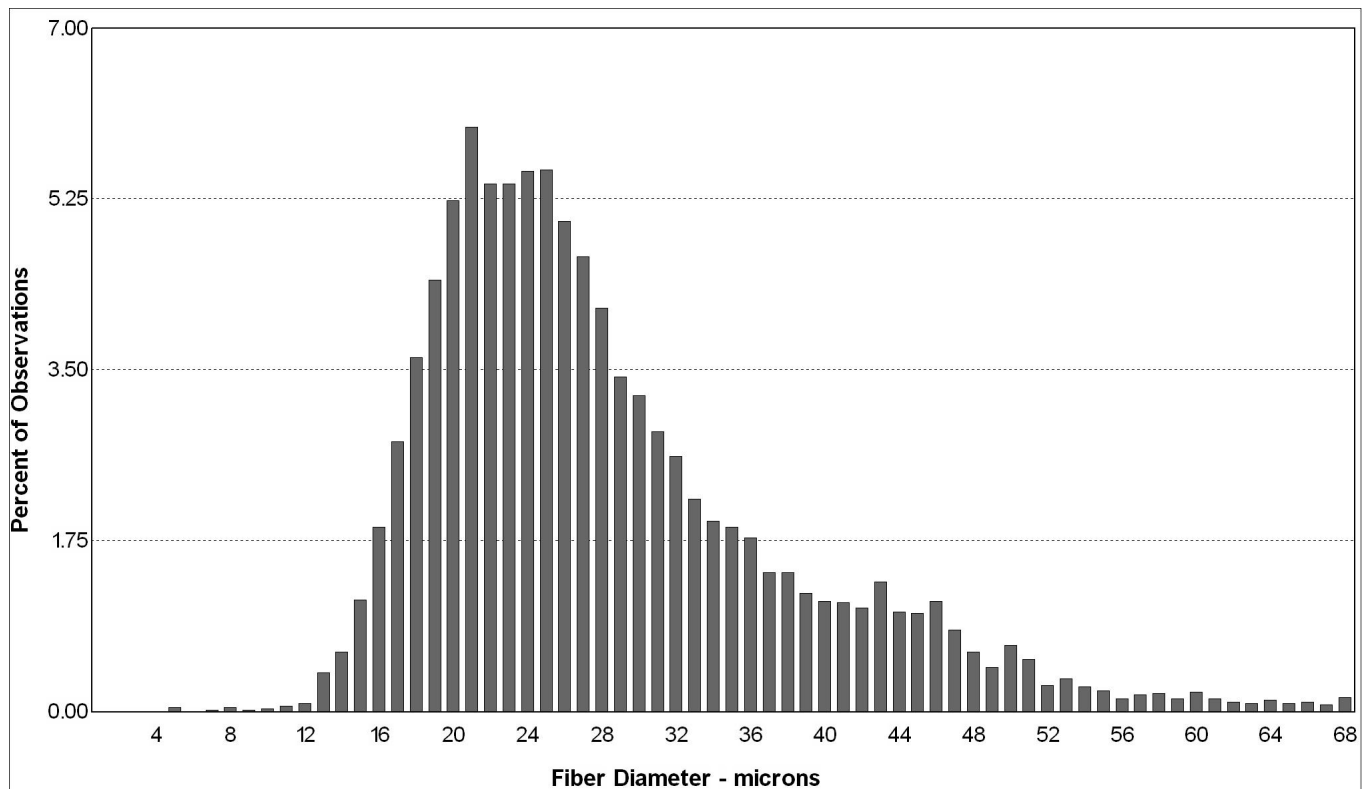
Date: 08/09/19
Shear ID: 187320
Test No: 979287

Animal and Sample Description

Animal Name:	Shambalah's Sweet Melissa	Date of Birth (Age):	09/16/13
ARI #:	32779882	Sample Location:	Side
Breed:	Alpaca(Suri)	Sample Date:	06/01/19
Sex:	Female	Previous Shear Date:	06/02/18
Color:	Med Silver Grey	Total Fleece Wt (lbs):	3.30

Laboratory Data

Mean Fiber Diameter:	28.4 microns	Mean Staple Length:	121.8 mm
Standard Deviation:	10.1 microns	Length Standard Deviation:	8.2 mm
Coefficient of Variation:	35.5 %	Length Coefficient of Variation:	6.7 %
Spin Fineness:	31.9 microns	Mean Curvature:	12.2 deg/mm
Fibers Greater Than 30 microns:	31.3 %	SD Curvature:	12.2 deg/mm
Comfort Factor:	68.7 %		



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