



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Alpaca Rainbow Ranch
14875 Handle Road, Colorado Springs
CO 80930, US

Date: 14-Oct-22
Shear ID: 245282
Test No: 610413

Animal and Sample Description

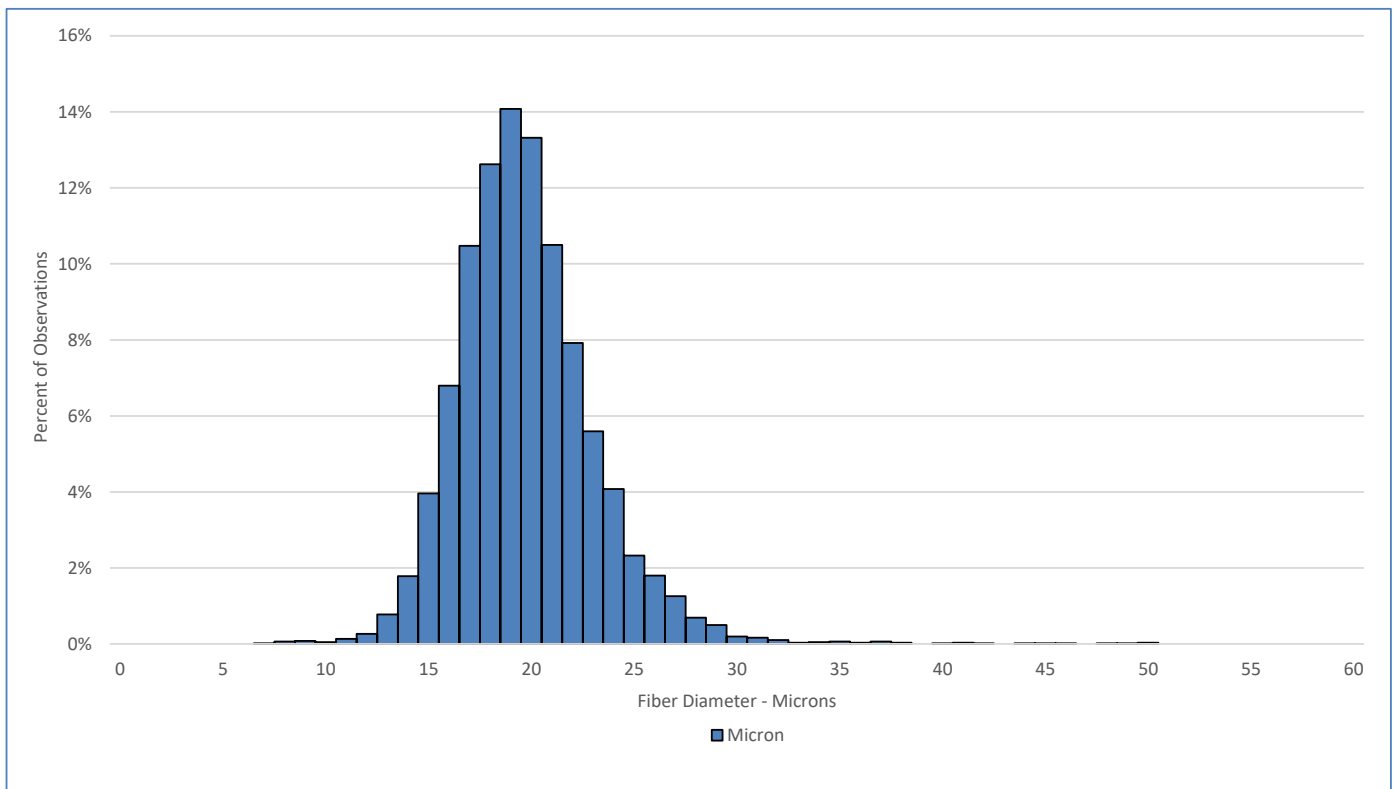
Animal Name: Rainbowranch's Summer Solstice
Registry #: 36051755
Breed: Huacaya
Sex: Female
Colour: 410 - Dark Brown

Date of Birth (Age): 20-Jun-21
Sample Location: GRID
Sample Date: 1-May-22
Previous Shear Date: 1-May-22
Total Fleece Wt (lbs):

Laboratory Data

Mean Fiber Diameter: 19.8 microns
Standard Deviation: 3.4 microns
Coefficient of Variation: 17.4 %
Spin Fineness: 18.7 microns
Fibers Greater Than 30 microns: 0.7 %
Comfort Factor: 99.3 %

Mean Staple Length: 97 mm
Length Standard Deviation: 10.8 mm
Length Coefficient of Variation: 11.1 %
Mean Curvature: 48.6 deg/mm
SD Curvature: 20.8 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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