

Optical Fiber Diameter Analyser (OFDA100) **Micron Test Report**

Sunny Alpacas 9200 Spooner Creek Ln Blaine, WA 98230 US

Date:

26-Jul-20

Shear ID:

Test No:

200713

Animal and Sample Description

Animal Name: Sunny Accoyo Pawnee

35532224 Registry #: Breed: Huacaya Sex:

Colour:

Female

100 - White

Date of Birth (Age): Sample Location:

08/24/2019 **GRID**

Sample Date:

Previous Shear Date:

Total Fleece Wt (lbs): 3.24

Laboratory Data

Mean Fiber Diameter: 18.2 microns Standard Deviation: 3.8 microns Coefficient of Variation: 20.9 % Spin Fineness: 17.7 microns Fibers Greater Than 30 microns: 0.9 % Comfort Factor: 99.1 %

Mean Staple Length: Length Standard Deviation: Length Coefficient of Variation: Mean Curvature: SD Curvature: Medullated Fibers:

5.6 % 44.9 deg/mm 28.2 deg/mm 8.7 %

105 mm

5.9 mm

16% 14% 12% Percent of Observations 10% 6% 4% 10 20 0 35 40 45 55 60 30 Fiber Diameter - Microns ■ Micron ■ Medullation

Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear **Business Manager** Jude Davidson **Authorised Signatory**