

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

| iberty Alpacas  |  | Date:<br>Shear ID:<br>Test No:  | 20-Jul-20<br>A74<br>160674             |   |
|---|--|---|--|---|
|   | Animal and San   | nple Description  |  |   |
| Animal Name: LibertyAlpacas Let Freedom<br>Registry #: 35578581<br>Breed:<br>Sex:<br>Colour:  | Ring   | Date of Birth (Age):<br>Sample Location:<br>Sample Date:<br>Previous Shear Date:<br>Total Fleece Wt (lbs):                              | 30-May-19<br>GRID<br>16-May-20<br>0.00 |   |
|   | Laborat  | ory Data  |  |   |
| lean Fiber Diameter:<br>tandard Deviation:<br>coefficient of Variation:<br>pin Fineness:<br>ibers Greater Than 30 microns:<br>comfort Factor: | 16.6 microns<br>3.1 microns<br>18.4 %<br>15.8 microns<br>0.2 %<br>99.8 % | Mean Staple Length:<br>Length Standard Deviation<br>Length Coefficient of Van<br>Mean Curvature:<br>SD Curvature:<br>Medullated Fibers: |  | 95 mm<br>3.4 mm<br>3.5 %<br>51.5 deg/mm<br>28.9 deg/mm<br>% |
|   |  |   |  |   |
| 18%   |  |   |  |   |
| 18%   |  |   |  |   |
|   |  |   |  |   |
| 16%<br>14%<br>12%   |  |   |  |   |
| 16%<br>14%<br>12%   |  |   |  |   |
| 16%   |  |   |  |   |
| 16%   |  |   |  |   |
| 16%<br>14%<br>12%<br>10%<br>8%<br>6%  |  |   |  |   |
| 16%   14%   12%   10%   8%   6%   4%  |  | 30 35 40  | 45 50                                  | 55 6  |

## Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear Business Manager

Inde

Jude Davidson Authorised Signatory

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