



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

Rockin Rose Ranch  
14 154th Dr SE, Snohomish  
WA 98290, US

Date: 20-Sep-23  
Shear ID: 257833  
Test No: 615005

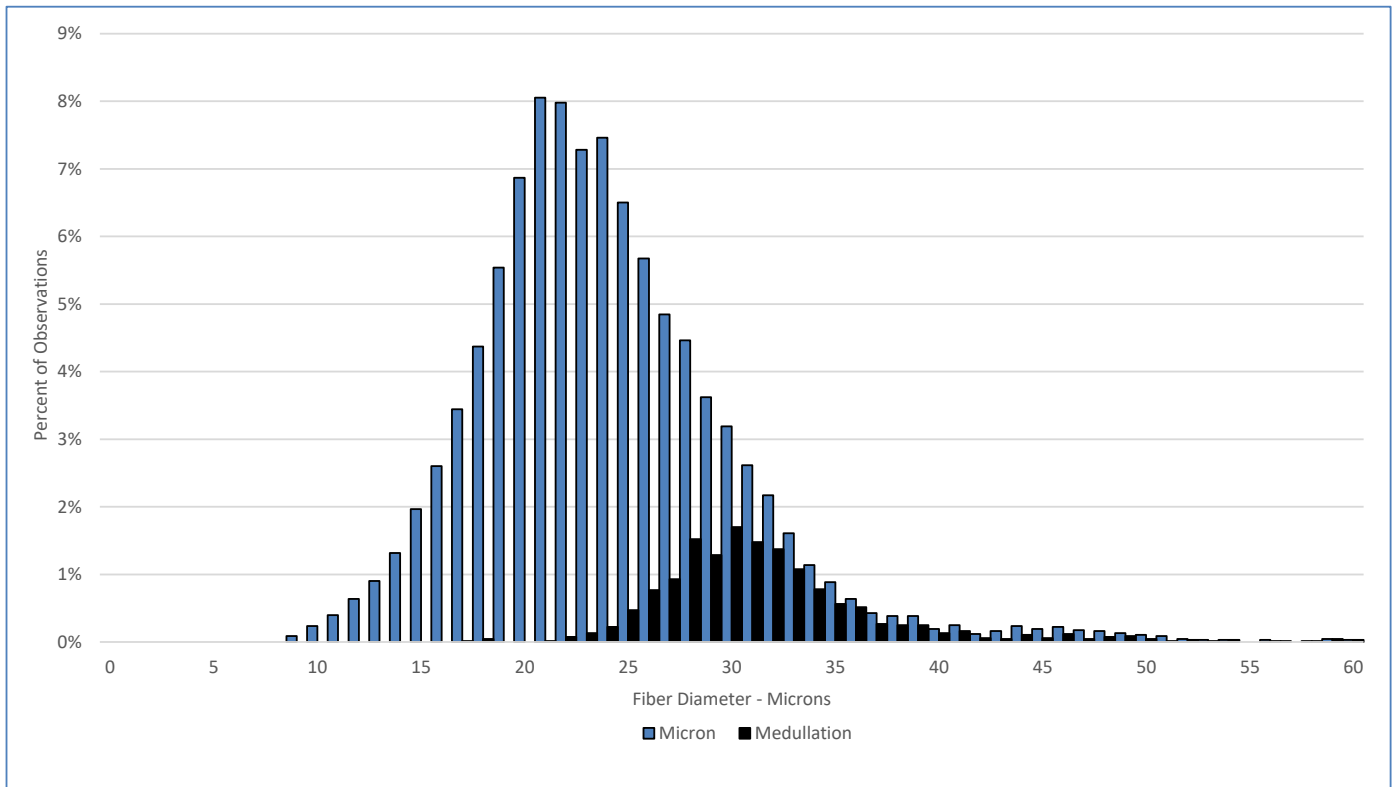
### Animal and Sample Description

Animal Name: Chia from MARS  
Registry #: 36172955  
Breed: Huacaya  
Sex: Female  
Colour: White

Date of Birth (Age): 07/10/2021  
Sample Location: GRID  
Sample Date: 18-May-23  
Previous Shear Date: 28-Jun-22  
Total Fleece Wt (lbs): 10.80

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 24.0 microns | Mean Staple Length:              | 107 mm      |
| Standard Deviation:             | 6.3 microns  | Length Standard Deviation:       | 3.3 mm      |
| Coefficient of Variation:       | 26.2 %       | Length Coefficient of Variation: | 3.1 %       |
| Spin Fineness:                  | 24.5 microns | Mean Curvature:                  | 46.8 deg/mm |
| Fibers Greater Than 30 microns: | 12.6 %       | SD Curvature:                    | 25.5 deg/mm |
| Comfort Factor:                 | 87.4 %       | Medullated Fibers:               | 14.9 %      |



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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