Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

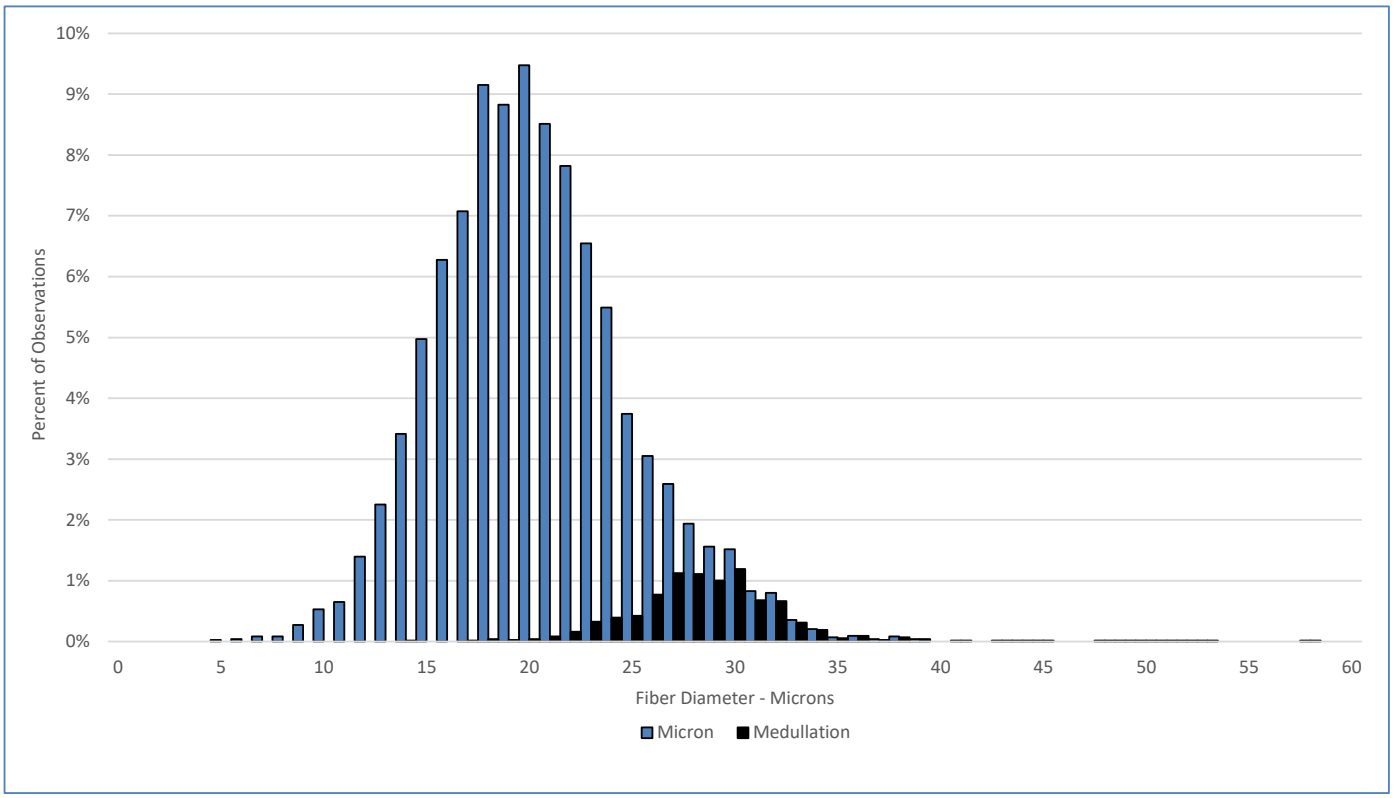
Mystic Reign Alpacas		Date:	24-Jul-25
6269 E knihts Way, Prescott Valley		Shear ID:	276350
AZ 86314, US		Test No:	623800

Animal and Sample Description

Animal Name:	JAXXTON DO RIGHT	Date of Birth (Age):	15-Feb-24
Registry #:	32657807	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	19-Apr-25
Sex:	Male	Previous Shear Date:	15-Feb-24
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	5.60

Laboratory Data

Mean Fiber Diameter:	20.4 microns	Mean Staple Length:	95 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	7.3 mm
Coefficient of Variation:	23.7 %	Length Coefficient of Variation:	7.7 %
Spin Fineness:	20.3 microns	Mean Curvature:	44.8 deg/mm
Fibers Greater Than 30 microns:	2.7 %	SD Curvature:	35.0 deg/mm
Comfort Factor:	97.3 %	Medullated Fibers:	9.0 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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