

Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Ariya Alpacas Inc 411 Brill Road West Bolton QC, J0E 2T0 Canada			Date: Shear ID:	28-Jul-20	
			Test No:	200827	
		Animal and Sa	ample Description		
nimal Name:	Ariya Domain's Cotton Ball		Date of Birth (Age):		
Registry #:	35562788		Sample Location:	GRID	
Breed:	Huacaya		Sample Date:		
Sex:	Female		Previous Shear Date:		
olour:	100 - White		Total Fleece Wt (lbs):	0.00	
		Labor	atory Data		
Mean Fiber Diameter: 16.5 microns		16.5 microns	Mean Staple Length:		93 mm
Standard Deviation: 3.3 microns			Length Standard Deviation:		3.9 mm
Coefficient of Variation: 20.0 %		20.0 %	Length Coefficient of Variation:		4.2 %
1		15.9 microns	Mean Curvature:		64.2 deg/mm
		0.4 %	SD Curvature:		31.0 deg/mm
Comfort Factor: 99.6 %		99.6 %	Medullated Fibers:		3.3 %
14% ——					
14% —— 12% ——					
12% —					
12% —					
12% —					
12% —					
12% —— 10% ——					
12% 6% 6%					
12% —					
12% 6% 6%					
12% 10% 8% 6%					
12%					
12%					
12% — 10% — Servations 8% — 6% — 4% — 2% — 0% —			20 25 40		55 6
12%			30 35 40	45 50	55 6
12% 10% 8% 6% 4% 2% 0%	5 10 1	Fiber		45 50	55 6

Test Performed According to Method AS/NZS 4492.5:2000

Moren

Jeremy Wear Business Manager

mal

Jude Davidson Authorised Signatory

SGS General Terms and Conditions

The validity of this document may be confirmed by contacting the address shown below SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: <u>nz.wool.timaru@sgs.com</u> Web: <u>www.wooltesting.sgs.com</u>