

INTERNATIONAL ALPACA ANALYTICS

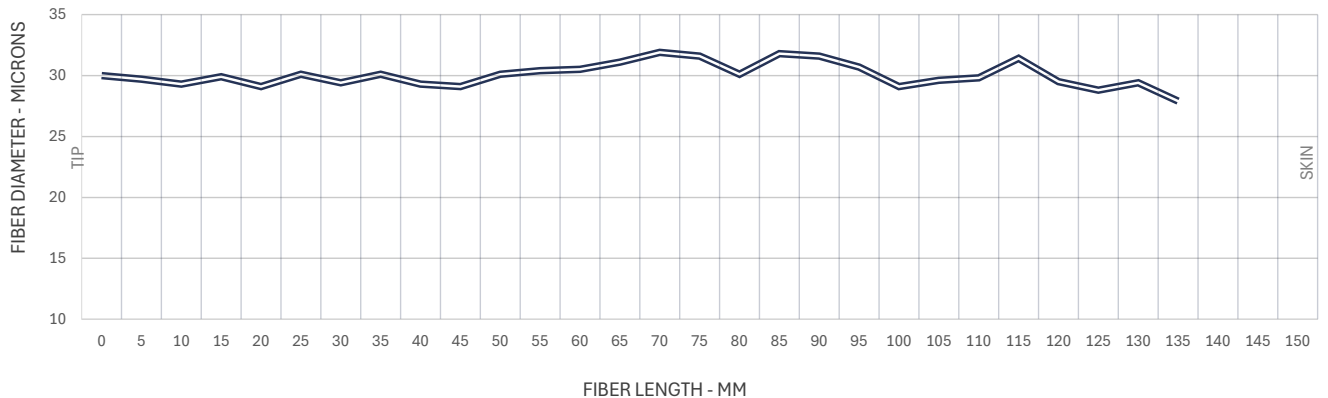
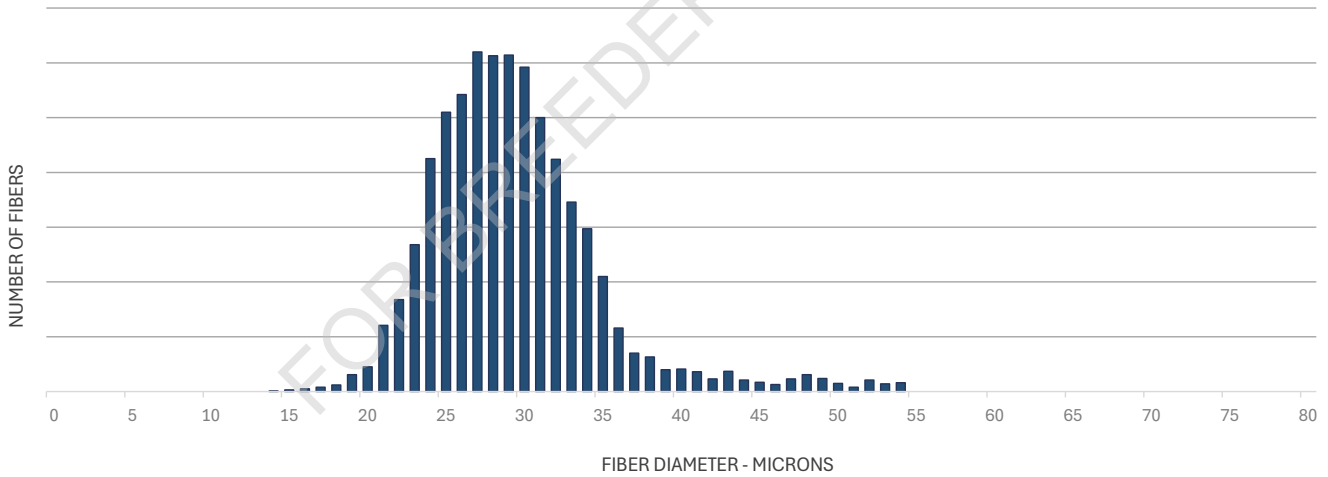
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Tikanui's Chiffon of Harmony

Registry #	32079753	Color	202 - Light Fawn	Date of Birth	07.12.17
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	6y 10m (82m)

Mean Fiber Diameter (MFD)	29.4 microns	Mean Staple Length	140 mm
Standard Deviation (SD)	5.5 microns	Finest point from Tip	135.0 mm
Coefficient of Variation (COV)	18.7 %	Maximum Diameter	31.9 microns
Spinning Fineness (SF)	28.0 microns	Minimum Diameter	27.9 microns
Course Edge Micron (CEM)	10.4 microns	Mean Curvature	8.5 deg/mm
% Fibers < 15 µm	0.0 %	SD Curvature	10.2 deg/mm
Prickle Factor (fibers > 30µm)	34.5 %	# of Fibers Evaluated	6,984
Comfort Factor (% <= 30µm)	65.5 %		



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Registry #	32079753	Color	202 - Light Fawn	Date of Birth	07.12.17
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	6y 10m (82m)

COMPARABLE DATA

	Chiffon	Suri	Suri Female	Suri 6-7 Age Range	Suri Fawn Color Group	Suri FA-6 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	156	896	53
Mean Fiber Diameter (µm)	29.4	22.7	23.3	24.9	22.5	24.4
Standard Deviation (µm)	5.5	5.1	5.3	5.5	5.1	5.3
Coefficient of Variation (%)	18.7	22.7	21.1	22.0	22.9	21.8
Spinning Fineness (µm)	28.0	22.6	23.2	24.8	22.4	24.2
% Fibers < 15 µm	0.0	2.1	1.6	0.2	2.8	0.5
Prickle Factor (% > 30µm)	34.5	10.5	11.9	16.8	10.1	15.0
Comfort Factor (% ≤ 30µm)	65.5	89.5	88.1	83.2	89.9	85
Mean Staple Length (mm)	140	143	137	119	139	119
Course Edge Micron (µm)	10.4	10.0	10.3	11.0	10.2	9.8
Minimum Diameter (µm)	27.9	20.9	21.5	24.8	20.7	23.7
Maximum Diameter (µm)	31.9	25.0	25.5	27.9	24.8	27.2
Mean Curvature (deg/mm)	8.5	15.7	15.5	15.0	15.9	15.2
SD Curvature (deg/mm)	10.2	15.2	14.8	12.5	15.2	12.1

PERCENTILE RANK vs ALL 6-7 YEAR OLD ANIMALS

