

INTERNATIONAL ALPACA ANALYTICS

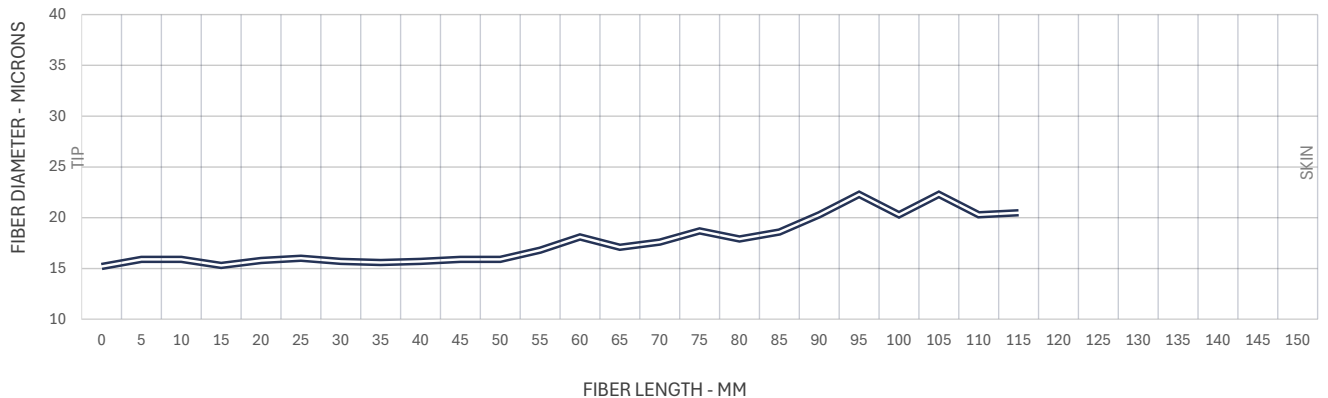
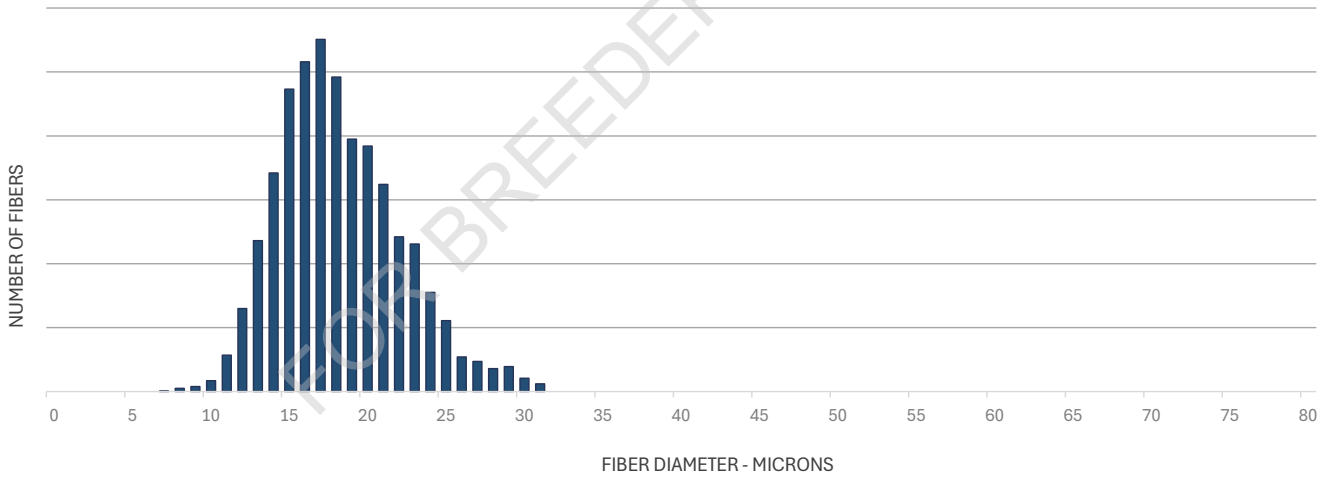
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Astor's Astoria Lace of Harmony

Registry #	36304158	Color	100 - White	Date of Birth	09.09.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	0y 8m (8m)

Mean Fiber Diameter (MFD)	17.2 microns	Mean Staple Length	120 mm
Standard Deviation (SD)	3.9 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	22.6 %	Maximum Diameter	22.3 microns
Spinning Fineness (SF)	17.0 microns	Minimum Diameter	15.2 microns
Course Edge Micron (CEM)	7.5 microns	Mean Curvature	20.9 deg/mm
% Fibers < 15 µm	26.0 %	SD Curvature	25.5 deg/mm
Prickle Factor (fibers > 30µm)	0.0 %	# of Fibers Evaluated	4,879
Comfort Factor (% <= 30µm)	100.0 %		



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Registry #	36304158	Color	100 - White	Date of Birth	09.09.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	0y 8m (8m)

COMPARABLE DATA

	Astoria Lace	Suri	Suri Female	Suri 0-1 Age Range	Suri White Color Group	Suri WH-0 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	633	1,039	175
Mean Fiber Diameter (µm)	17.2	22.7	23.3	19.7	22.6	19.3
Standard Deviation (µm)	3.9	5.1	5.3	4.7	5.0	4.4
Coefficient of Variation (%)	22.6	22.7	21.1	23.9	22.1	22.8
Spinning Fineness (µm)	17.0	22.6	23.2	19.7	22.5	19.2
% Fibers < 15 µm	26.0	2.1	1.6	15.1	2.0	15.5
Prickle Factor (% > 30µm)	0.0	10.5	11.9	4.0	9.6	3.1
Comfort Factor (% ≤ 30µm)	#####	89.5	88.1	96.0	90.4	97
Mean Staple Length (mm)	120	143	137	154	148	172
Course Edge Micron (µm)	7.5	10.0	10.3	8.9	9.8	8.0
Minimum Diameter (µm)	15.2	20.9	21.5	17.1	21.7	16.7
Maximum Diameter (µm)	22.3	25.0	25.5	22.4	25.4	22.0
Mean Curvature (deg/mm)	20.9	15.7	15.5	16.9	15.9	17.8
SD Curvature (deg/mm)	25.5	15.2	14.8	17.4	14.8	17.1

PERCENTILE RANK vs ALL 0-1 YEAR OLD ANIMALS

