

INTERNATIONAL ALPACA ANALYTICS

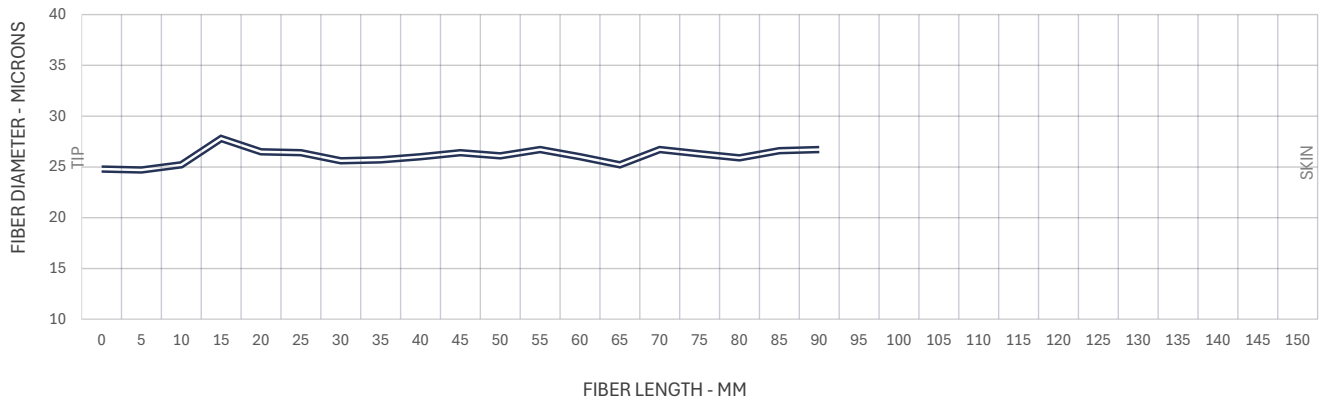
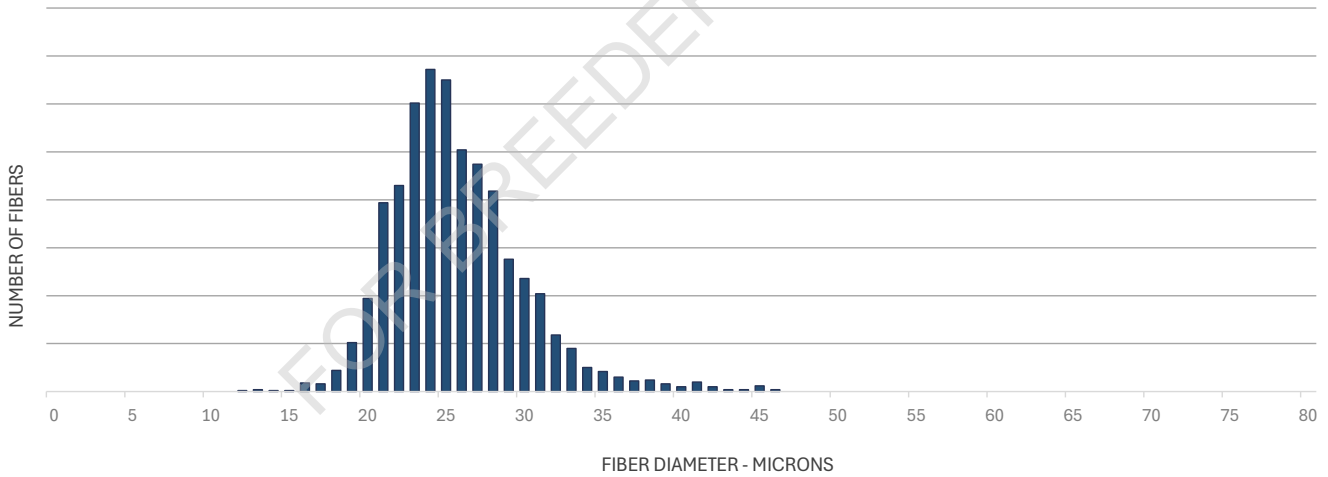
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Goldyn Rae's Ceto

Registry #	35493204	Color	100 - White	Date of Birth	06.14.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	2y 11m (35m)

Mean Fiber Diameter (MFD)	25.7 microns	Mean Staple Length	95 mm
Standard Deviation (SD)	4.2 microns	Finest point from Tip	5.0 mm
Coefficient of Variation (COV)	16.5 %	Maximum Diameter	27.8 microns
Spinning Fineness (SF)	24.1 microns	Minimum Diameter	24.7 microns
Course Edge Micron (CEM)	7.9 microns	Mean Curvature	21.6 deg/mm
% Fibers < 15 µm	0.1 %	SD Curvature	28.8 deg/mm
Prickle Factor (fibers > 30µm)	11.6 %	# of Fibers Evaluated	2,850
Comfort Factor (% <= 30µm)	88.4 %		



This data should be used for reference only. The tests were performed on the OFDA2000 using standard testing protocols.

IAA || 6 Clermont Lane St. Louis Mo || 1.314.306.4168 || d.king@intalpaca.com

INTERNATIONAL ALPACA ANALYTICS

Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Goldyn Rae's Ceto

Registry #	35493204	Color	100 - White	Date of Birth	06.14.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	2y 11m (35m)

COMPARABLE DATA

	Ceto	Suri	Suri Female	Suri 2-3 Age Range	Suri White Color Group	Suri WH-2 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	446	1,039	160
Mean Fiber Diameter (µm)	25.7	22.7	23.3	22.9	22.6	22.9
Standard Deviation (µm)	4.2	5.1	5.3	5.1	5.0	4.9
Coefficient of Variation (%)	16.5	22.7	21.1	22.2	22.1	21.6
Spinning Fineness (µm)	24.1	22.6	23.2	22.8	22.5	22.7
% Fibers < 15 µm	0.1	2.1	1.6	1.5	2.0	1.5
Prickle Factor (% > 30µm)	11.6	10.5	11.9	10.1	9.6	9.4
Comfort Factor (% ≤ 30µm)	88.4	89.5	88.1	89.9	90.4	91
Mean Staple Length (mm)	95	143	137	151	148	153
Course Edge Micron (µm)	7.9	10.0	10.3	9.2	9.8	8.5
Minimum Diameter (µm)	24.7	20.9	21.5	21.3	21.7	22.0
Maximum Diameter (µm)	27.8	25.0	25.5	24.9	25.4	25.2
Mean Curvature (deg/mm)	21.6	15.7	15.5	14.7	15.9	14.7
SD Curvature (deg/mm)	28.8	15.2	14.8	14.4	14.8	13.9

PERCENTILE RANK vs ALL 2-3 YEAR OLD ANIMALS

