

INTERNATIONAL ALPACA ANALYTICS

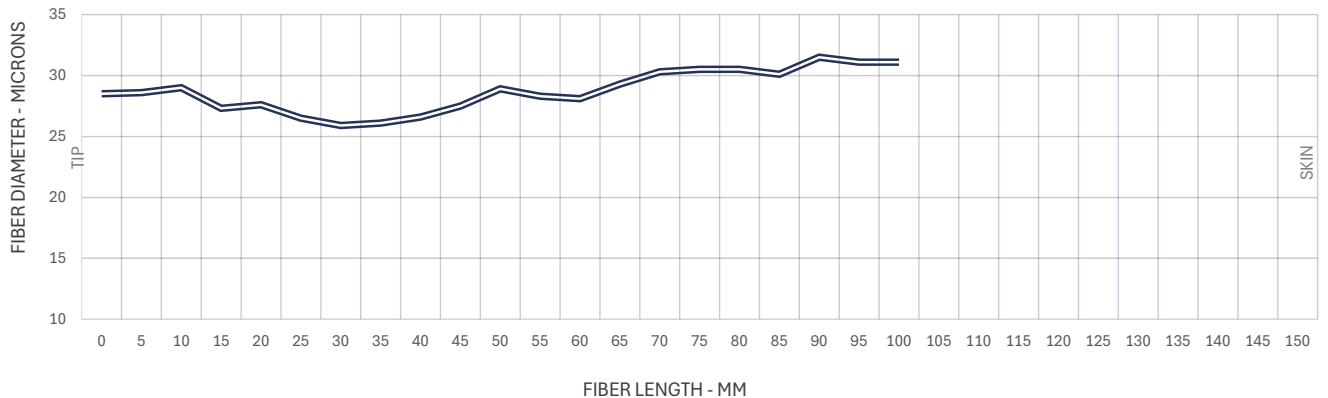
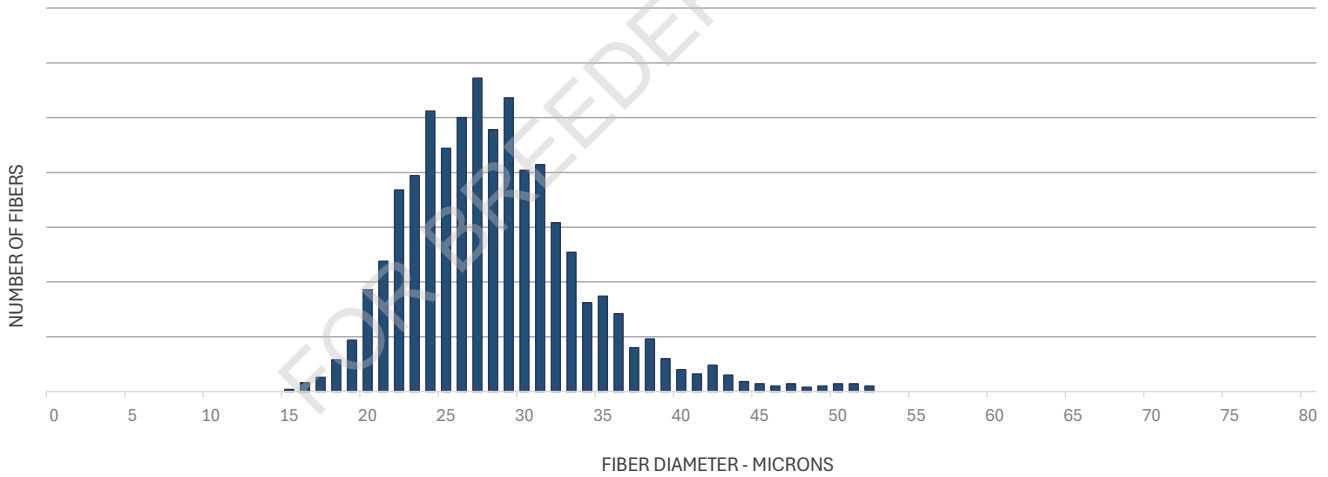
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Zen's Mango Sorbet of Harmony

Registry #	35426134	Color	202 - Light Fawn	Date of Birth	09.14.19
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	4y 8m (56m)

Mean Fiber Diameter (MFD)	28.1 microns	Mean Staple Length	105 mm
Standard Deviation (SD)	5.7 microns	Finest point from Tip	30.0 mm
Coefficient of Variation (COV)	20.1 %	Maximum Diameter	31.5 microns
Spinning Fineness (SF)	27.2 microns	Minimum Diameter	25.9 microns
Course Edge Micron (CEM)	10.7 microns	Mean Curvature	11.2 deg/mm
% Fibers < 15 µm	0.0 %	SD Curvature	12.4 deg/mm
Prickle Factor (fibers > 30µm)	28.8 %	# of Fibers Evaluated	3,391
Comfort Factor (% <= 30µm)	71.2 %		



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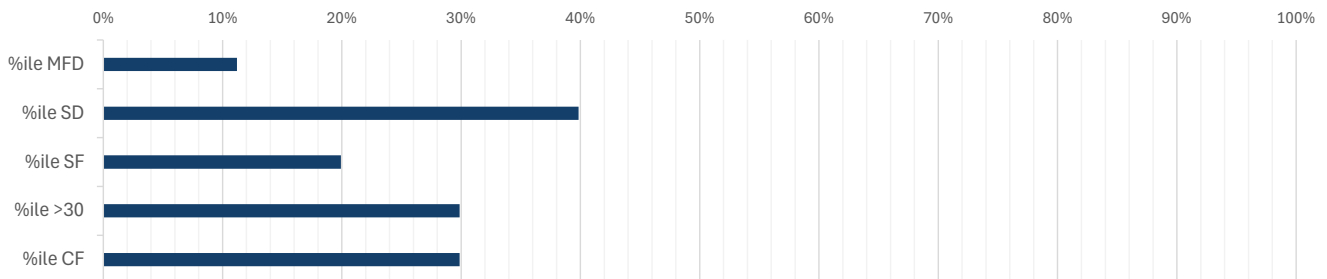
Zen's Mango Sorbet of Harmony

Registry #	35426134	Color	202 - Light Fawn	Date of Birth	09.14.19
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	4y 8m (56m)

COMPARABLE DATA

	Mango Sorbet	Suri	Suri Female	Suri 4-5 Age Range	Suri Fawn Color Group	Suri FA-4 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	241	896	70
Mean Fiber Diameter (µm)	28.1	22.7	23.3	24.7	22.5	23.9
Standard Deviation (µm)	5.7	5.1	5.3	5.5	5.1	5.3
Coefficient of Variation (%)	20.1	22.7	21.1	22.4	22.9	22.4
Spinning Fineness (µm)	27.2	22.6	23.2	24.6	22.4	23.8
% Fibers < 15 µm	0.0	2.1	1.6	0.3	2.8	0.1
Prickle Factor (% > 30µm)	28.8	10.5	11.9	16.0	10.1	13.0
Comfort Factor (% ≤ 30µm)	71.2	89.5	88.1	84.0	89.9	87
Mean Staple Length (mm)	105	143	137	131	139	135
Course Edge Micron (µm)	10.7	10.0	10.3	11.4	10.2	10.0
Minimum Diameter (µm)	25.9	20.9	21.5	23.0	20.7	22.4
Maximum Diameter (µm)	31.5	25.0	25.5	26.5	24.8	26.0
Mean Curvature (deg/mm)	11.2	15.7	15.5	15.2	15.9	16.6
SD Curvature (deg/mm)	12.4	15.2	14.8	14.5	15.2	16.0

PERCENTILE RANK vs ALL 4-5 YEAR OLD ANIMALS



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

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