



Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 76025
Test No: 478595

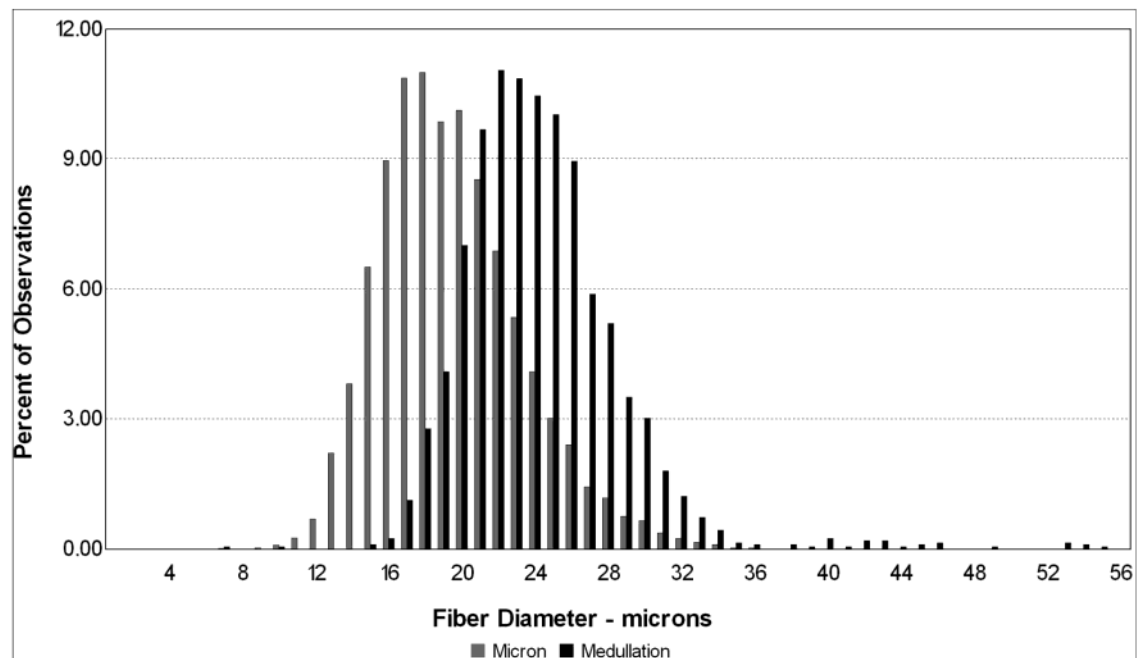
Animal and Sample Description

Animal Name: TP Snowmass Touche's Tiago
ARI #: 32757910
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 09/26/12
Sample Location: Side
Sample Date: 05/04/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 8.20

Laboratory Data

Mean Fiber Diameter:	19.6 microns	Mean Staple Length:	112.8 mm
Standard Deviation:	4.1 microns	Length Standard Deviation:	7.3 mm
Coefficient of Variation:	21.1 %	Length Coefficient of Variation:	6.4 %
Spin Fineness:	19.0 microns	Mean Curvature:	42.8 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	23.1 deg/mm
Comfort Factor:	98.7 %	Medullated Fibers:	20.0 %



This Test Performed According to I.W.T.O Method 47



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 67876
Test No: 478567

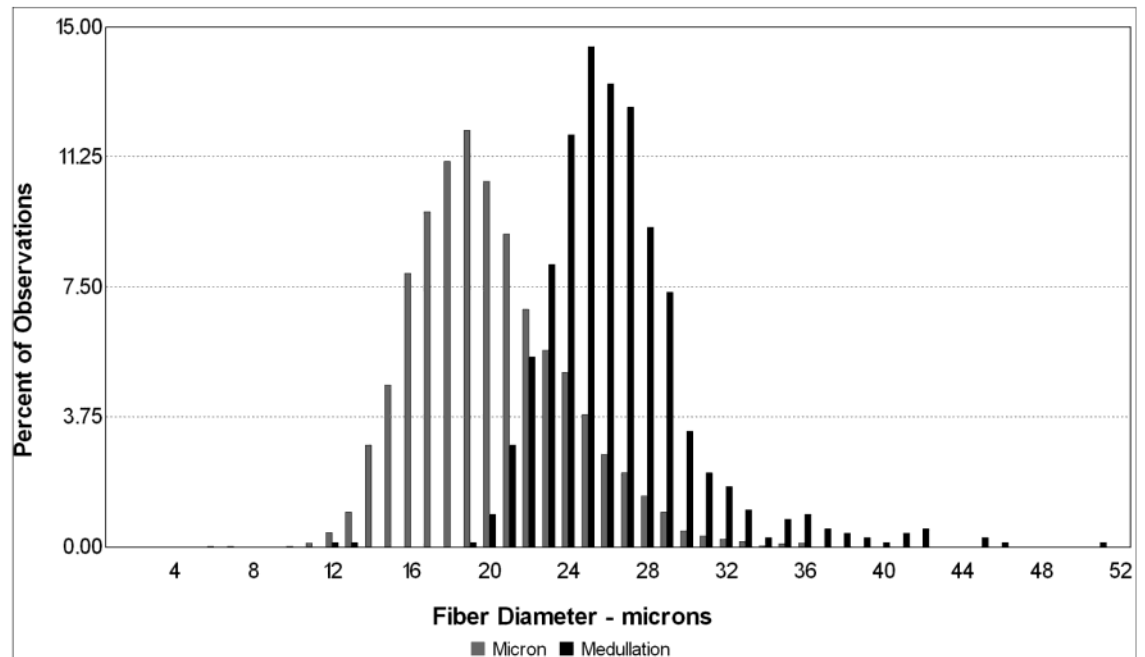
Animal and Sample Description

Animal Name: TP Touche's En Guard
ARI #: 31945530
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 12/07/11
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 04/06/13
Total Fleece Wt (lbs): 6.50

Laboratory Data

Mean Fiber Diameter:	20.1 microns	Mean Staple Length:	117.6 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	3.9 mm
Coefficient of Variation:	19.9 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	19.4 microns	Mean Curvature:	43.7 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	22.4 deg/mm
Comfort Factor:	98.7 %	Medullated Fibers:	12.8 %



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 67873
Test No: 478588

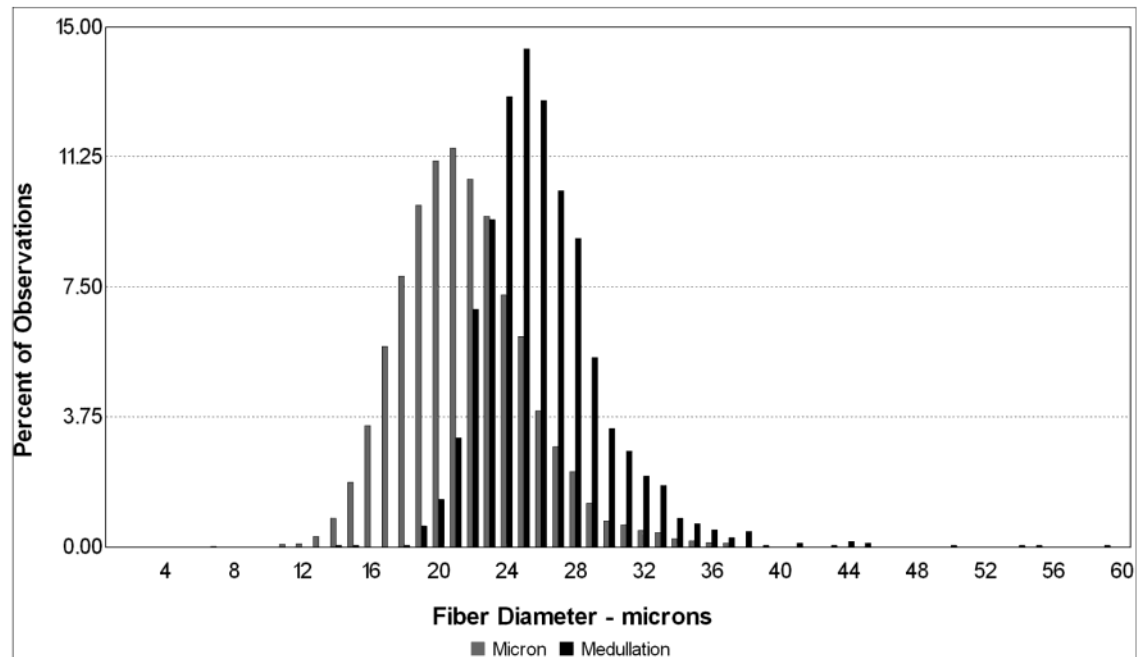
Animal and Sample Description

Animal Name: TP Snowmass Touche's Trinity
ARI #: 32757927
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 11/13/12
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter:	21.7 microns	Mean Staple Length:	89.0 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	1.2 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	1.4 %
Spin Fineness:	20.7 microns	Mean Curvature:	43.4 deg/mm
Fibers Greater Than 30 microns:	2.6 %	SD Curvature:	24.4 deg/mm
Comfort Factor:	97.4 %	Medullated Fibers:	20.4 %



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 67872
Test No: 478577

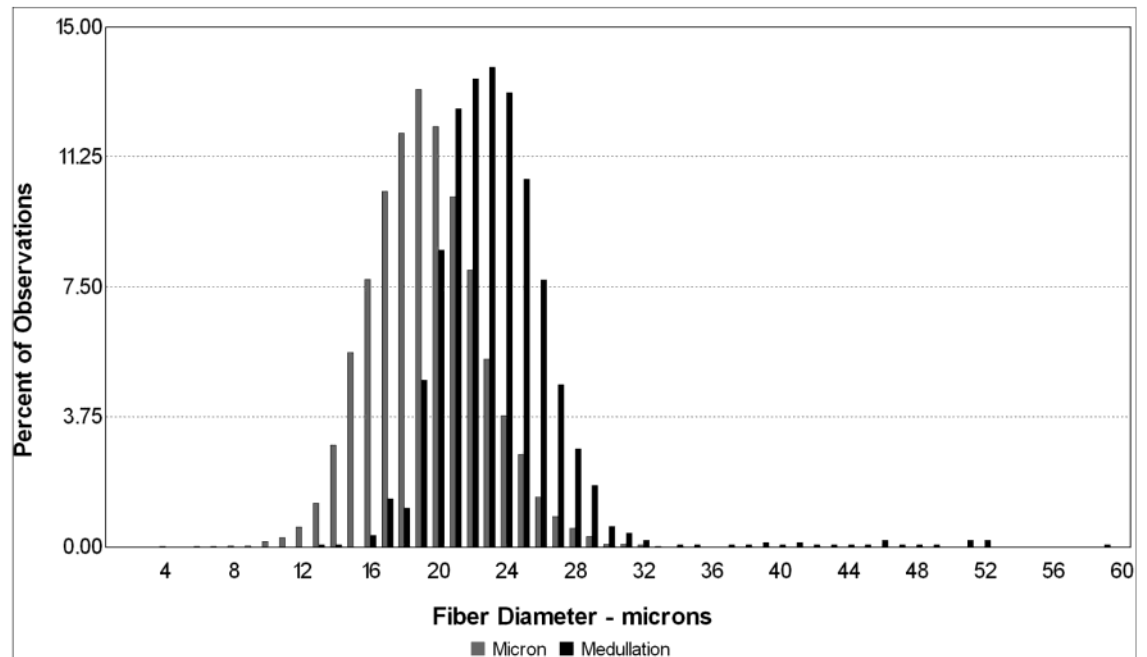
Animal and Sample Description

Animal Name: TP Snowmass Touche of Frost
ARI #: 32463408
Breed: Alpaca(Huacaya)
Sex: Male
Color: Beige

Date of Birth (Age): 02/10/13
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 4.20

Laboratory Data

Mean Fiber Diameter:	19.4 microns	Mean Staple Length:	97.8 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	7.4 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	7.6 %
Spin Fineness:	18.5 microns	Mean Curvature:	40.0 deg/mm
Fibers Greater Than 30 microns:	0.5 %	SD Curvature:	22.4 deg/mm
Comfort Factor:	99.5 %	Medullated Fibers:	14.4 %



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 67871
Test No: 478587

Animal and Sample Description

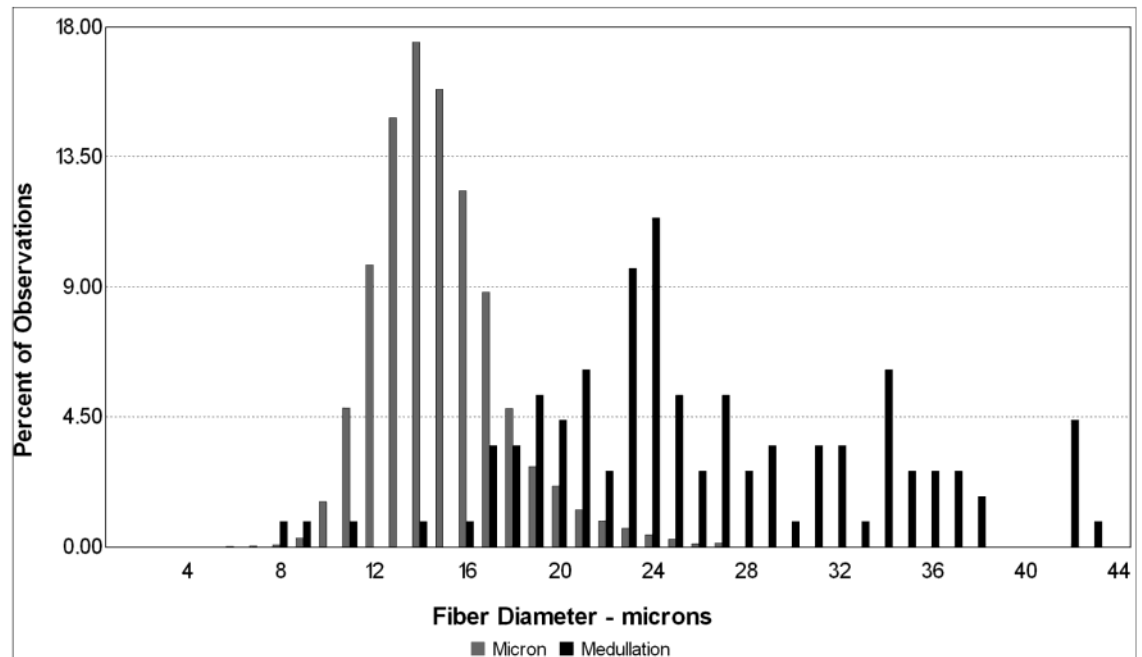
Animal Name: TP Siberian Touche
ARI #: 32463590
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 04/09/13
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 15.0 microns
Standard Deviation: 3.1 microns
Coefficient of Variation: 20.7 %
Spin Fineness: 14.6 microns
Fibers Greater Than 30 microns: 0.4 %
Comfort Factor: 99.6 %

Mean Staple Length: 93.4 mm
Length Standard Deviation: 9.9 mm
Length Coefficient of Variation: 10.6 %
Mean Curvature: 44.7 deg/mm
SD Curvature: 23.7 deg/mm
Medullated Fibers: 1.4 %



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 76024
Test No: 478590

Animal and Sample Description

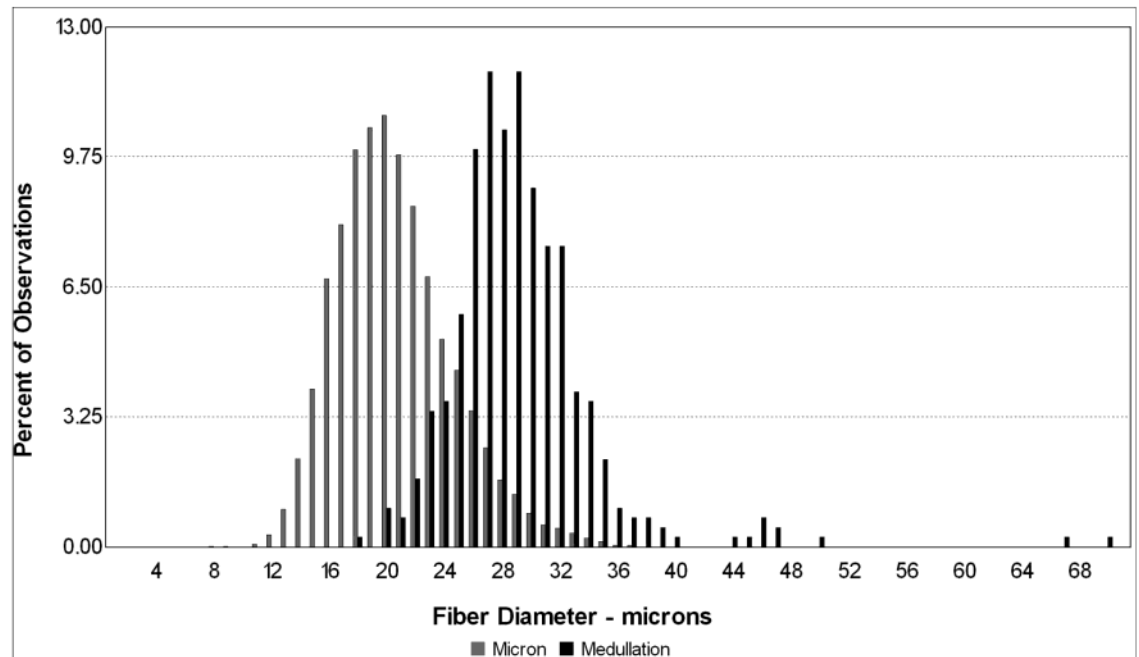
Animal Name: TP Quechua's Verticase's Veneno
ARI #: 32463446
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 03/09/13
Sample Location: Side
Sample Date: 05/04/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 5.70

Laboratory Data

Mean Fiber Diameter: 20.7 microns
Standard Deviation: 4.3 microns
Coefficient of Variation: 20.7 %
Spin Fineness: 20.1 microns
Fibers Greater Than 30 microns: 2.1 %
Comfort Factor: 97.9 %

Mean Staple Length: 83.0 mm
Length Standard Deviation: 4.7 mm
Length Coefficient of Variation: 5.7 %
Mean Curvature: 57.4 deg/mm
SD Curvature: 27.1 deg/mm
Medullated Fibers: 4.7 %



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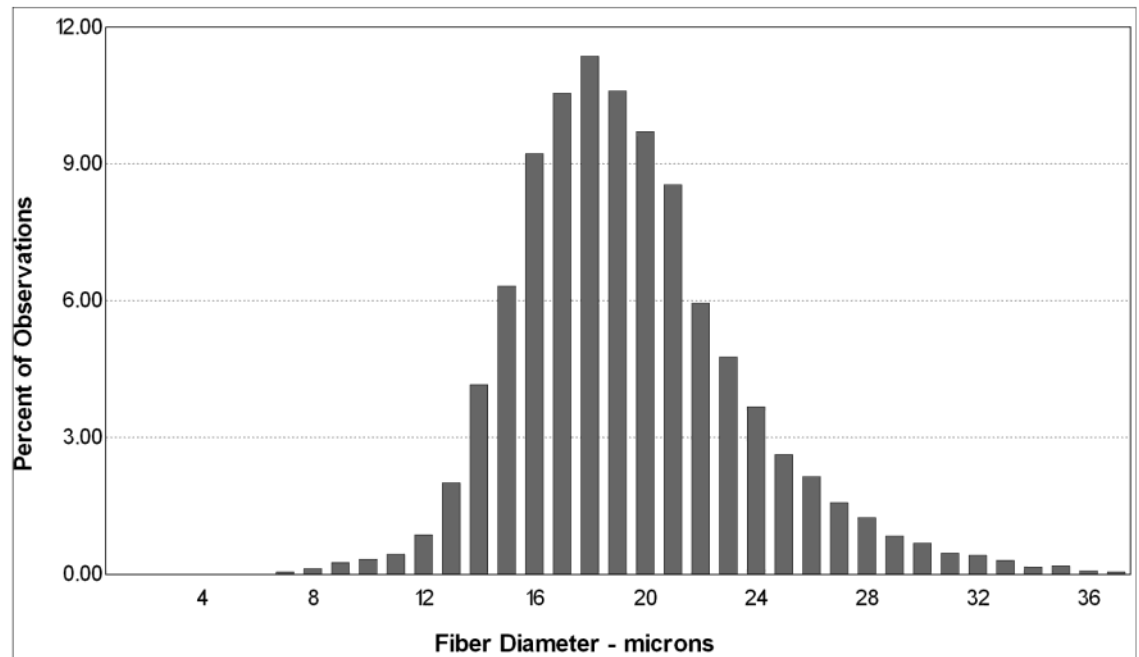
Date: 05/30/14
Shear ID: 76023
Test No: 478604

Animal and Sample Description

Animal Name:	TP Quechua's Verticase Delta Blues	Date of Birth (Age):	01/01/13
ARI #:	32757729	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	05/04/14
Sex:	Male	Previous Shear Date:	06/22/13
Color:	Dark Fawn	Total Fleece Wt (lbs):	5.20

Laboratory Data

Mean Fiber Diameter:	19.5 microns	Mean Staple Length:	86.4 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	23.1 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	19.3 microns	Mean Curvature:	47.6 deg/mm
Fibers Greater Than 30 microns:	2.0 %	SD Curvature:	25.9 deg/mm
Comfort Factor:	98.0 %		



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Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

Date: 05/30/14
Shear ID: 67868
Test No: 478605

Animal and Sample Description

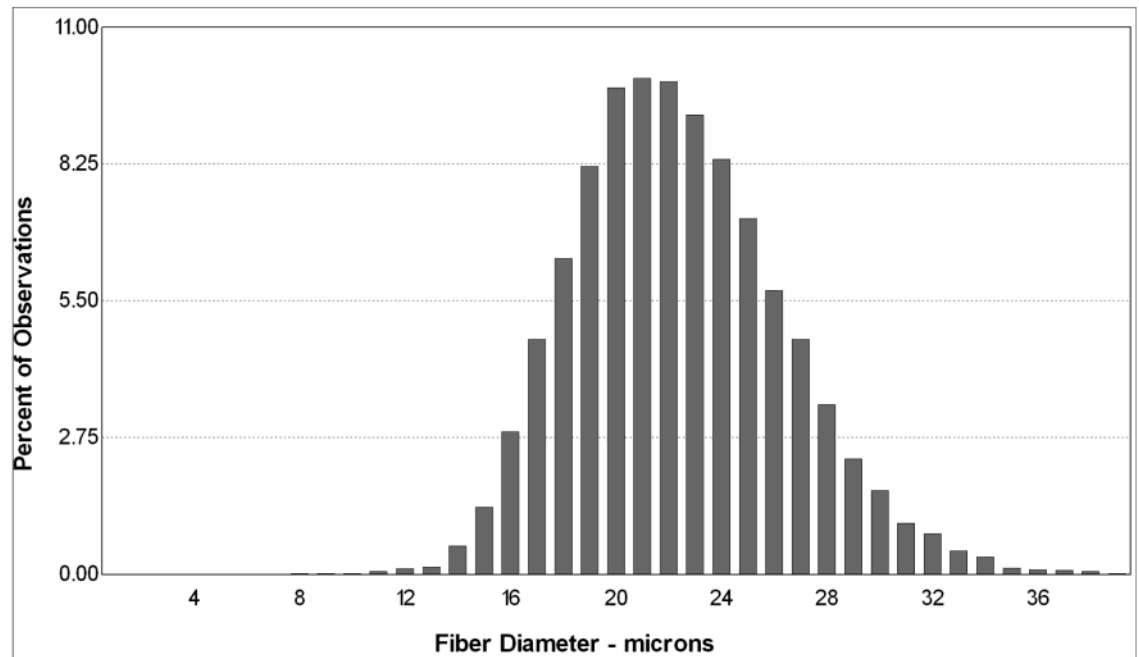
Animal Name: TP Poseidon's Rapunzel
ARI #: 31725170
Breed: Alpaca(Huacaya)
Sex: Female
Color: Med Fawn

Date of Birth (Age): 01/07/11
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 04/06/13
Total Fleece Wt (lbs): 4.40

Laboratory Data

Mean Fiber Diameter: 22.5 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 18.8 %
Spin Fineness: 21.5 microns
Fibers Greater Than 30 microns: 3.3 %
Comfort Factor: 96.7 %

Mean Staple Length: 68.8 mm
Length Standard Deviation: 3.6 mm
Length Coefficient of Variation: 5.2 %
Mean Curvature: 42.3 deg/mm
SD Curvature: 22.9 deg/mm



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Date: 05/30/14
Shear ID: 67867
Test No: 478560

Animal and Sample Description

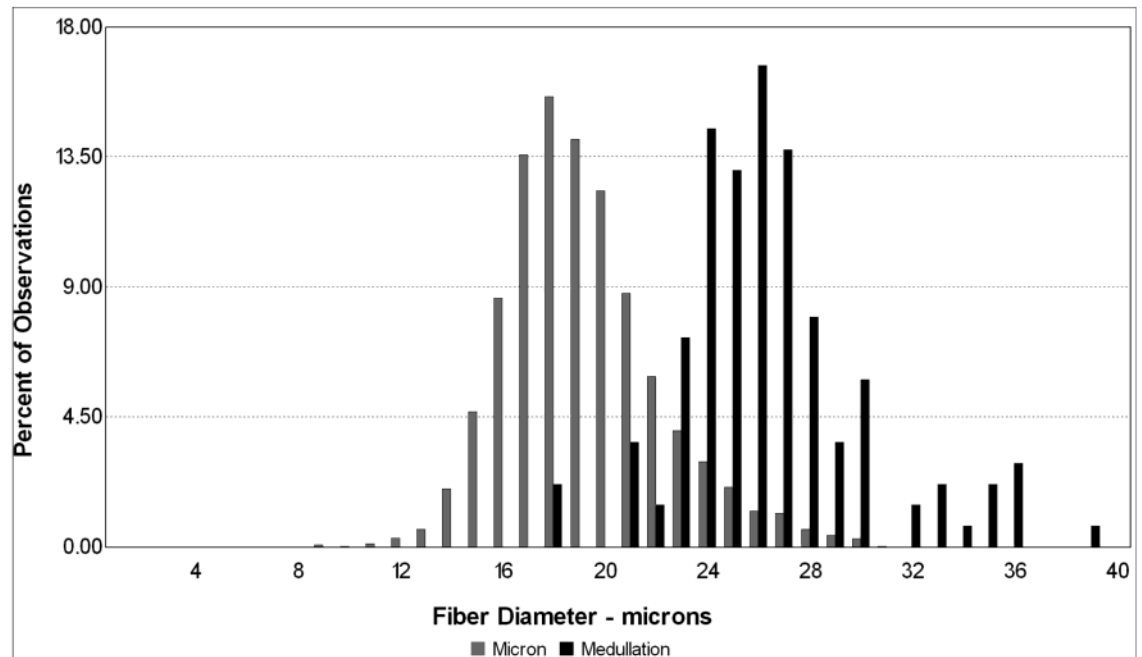
Animal Name: TP Poseidon's Portia
ARI #: 32757699
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 11/27/12
Sample Location: Side
Sample Date: 04/05/14
Previous Shear Date: 06/22/13
Total Fleece Wt (lbs): 5.70

Laboratory Data

Mean Fiber Diameter: 19.2 microns
Standard Deviation: 3.2 microns
Coefficient of Variation: 16.5 %
Spin Fineness: 18.1 microns
Fibers Greater Than 30 microns: 0.4 %
Comfort Factor: 99.6 %

Mean Staple Length: 81.4 mm
Length Standard Deviation: 1.1 mm
Length Coefficient of Variation: 1.4 %
Mean Curvature: 50.6 deg/mm
SD Curvature: 25.0 deg/mm
Medullated Fibers: 3.3 %



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