



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**

Alpacas of Somerset Farm/Dianna & Jack Jordan
 PO Box 190
 Somerset CA 95684

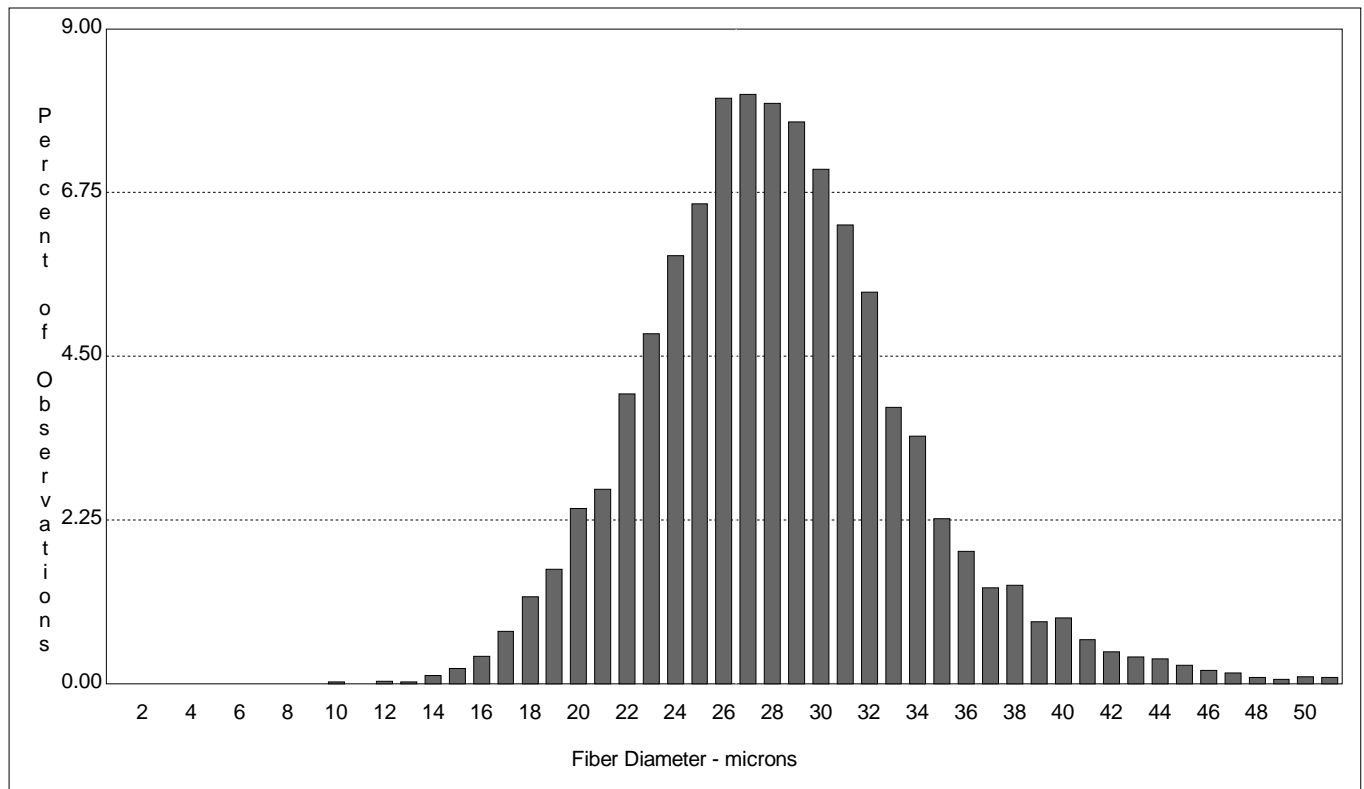
Date: 07/18/11
Shear ID: 3392
Test No: 409211

Animal and Sample Description

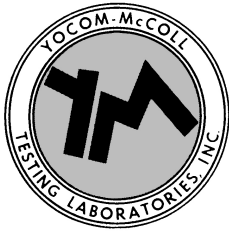
Animal Name: Somerset Farm's Sweet Caroline	Date of Birth (Age): 08/12/08
ARI #: 31105392	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Med Fawn	Total Fleece Wt (lbs): 5.80

Laboratory Data

Mean Fiber Diameter: 28.4 microns	Mean Staple Length: 84.0 mm
Standard Deviation: 5.8 microns	Length Standard Deviation: 1.4 mm
Coefficient of Variation: 20.5 %	Length Coefficient of Variation: 1.7 %
Spin Fineness: 27.5 microns	Mean Curvature: 32.1 deg/mm
Fibers Greater Than 30 microns: 30.5 %	SD Curvature: 21.3 deg/mm
Comfort Factor: 69.5 %	



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



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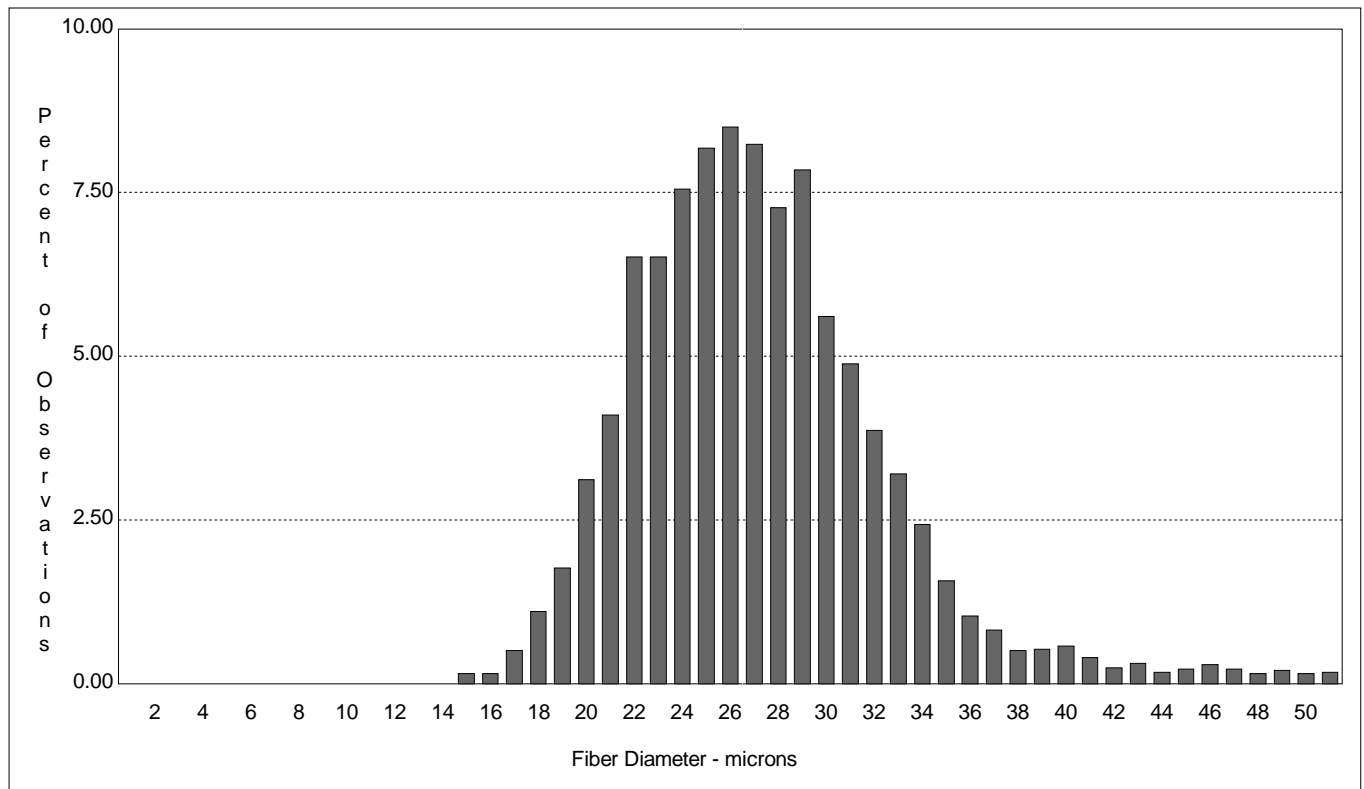
Date: 07/18/11
Shear ID: 3397
Test No: 409212

Animal and Sample Description

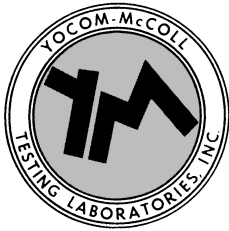
Animal Name: Eastwind's Blade	Date of Birth (Age): 06/17/06
ARI #: 30502710	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Male	Previous Shear Date: 06/17/10
Color: Med Brown	Total Fleece Wt (lbs): 5.70

Laboratory Data

Mean Fiber Diameter: 27.5 microns	Mean Staple Length: 76.0 mm
Standard Deviation: 6.1 microns	Length Standard Deviation: 1.2 mm
Coefficient of Variation: 22.1 %	Length Coefficient of Variation: 1.6 %
Spin Fineness: 27.0 microns	Mean Curvature: 31.0 deg/mm
Fibers Greater Than 30 microns: 22.9 %	SD Curvature: 22.1 deg/mm
Comfort Factor: 77.1 %	



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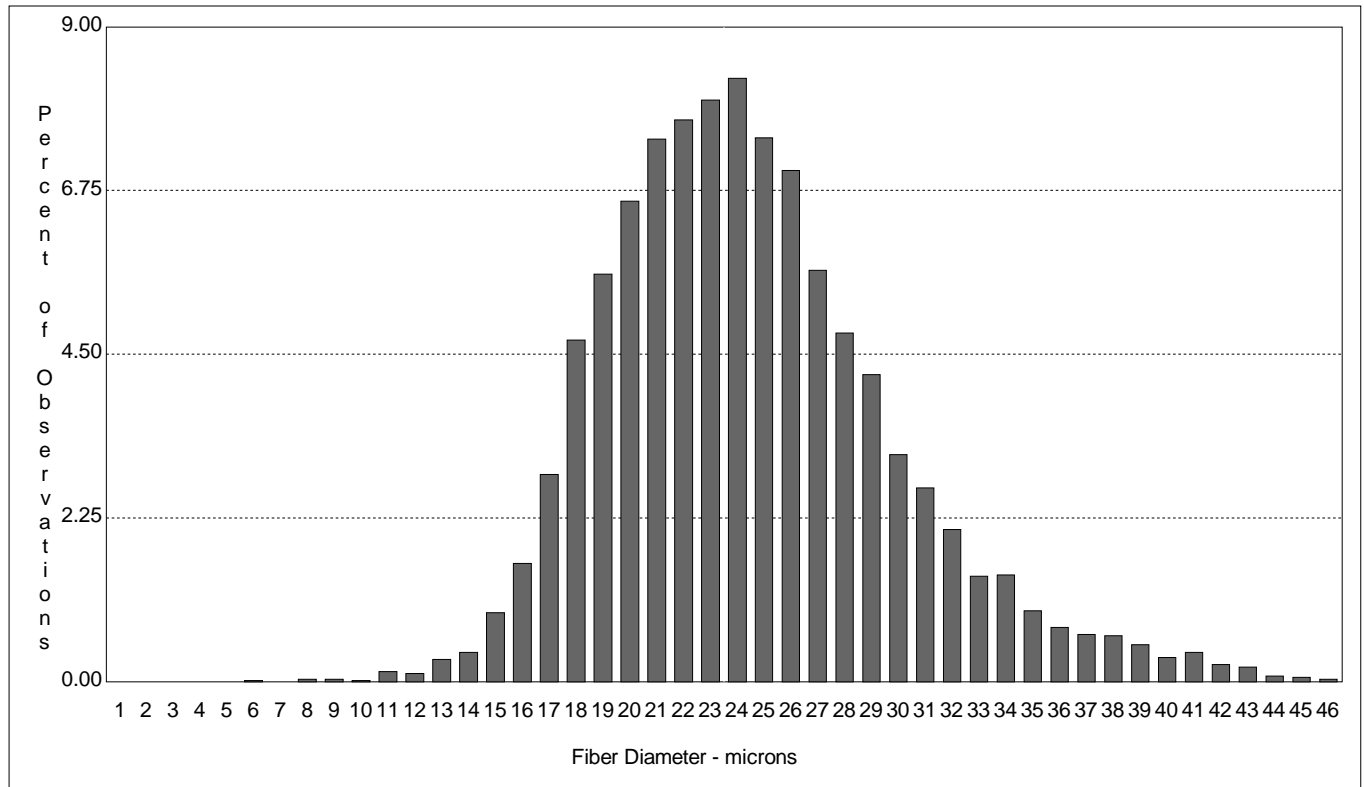
Date: 07/18/11
Shear ID: 3394
Test No: 409213

Animal and Sample Description

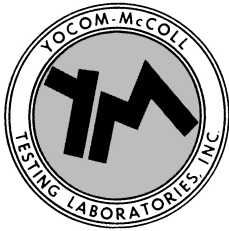
Animal Name: Sundance Kid of Somerset Farm	Date of Birth (Age): 10/18/07
ARI #: 31105354	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Male	Previous Shear Date: 06/17/10
Color: Med Fawn	Total Fleece Wt (lbs): 5.60

Laboratory Data

Mean Fiber Diameter: 24.6 microns	Mean Staple Length: 77.8 mm
Standard Deviation: 5.6 microns	Length Standard Deviation: 2.5 mm
Coefficient of Variation: 22.7 %	Length Coefficient of Variation: 3.2 %
Spin Fineness: 24.3 microns	Mean Curvature: 36.5 deg/mm
Fibers Greater Than 30 microns: 12.9 %	SD Curvature: 25.5 deg/mm
Comfort Factor: 87.1 %	



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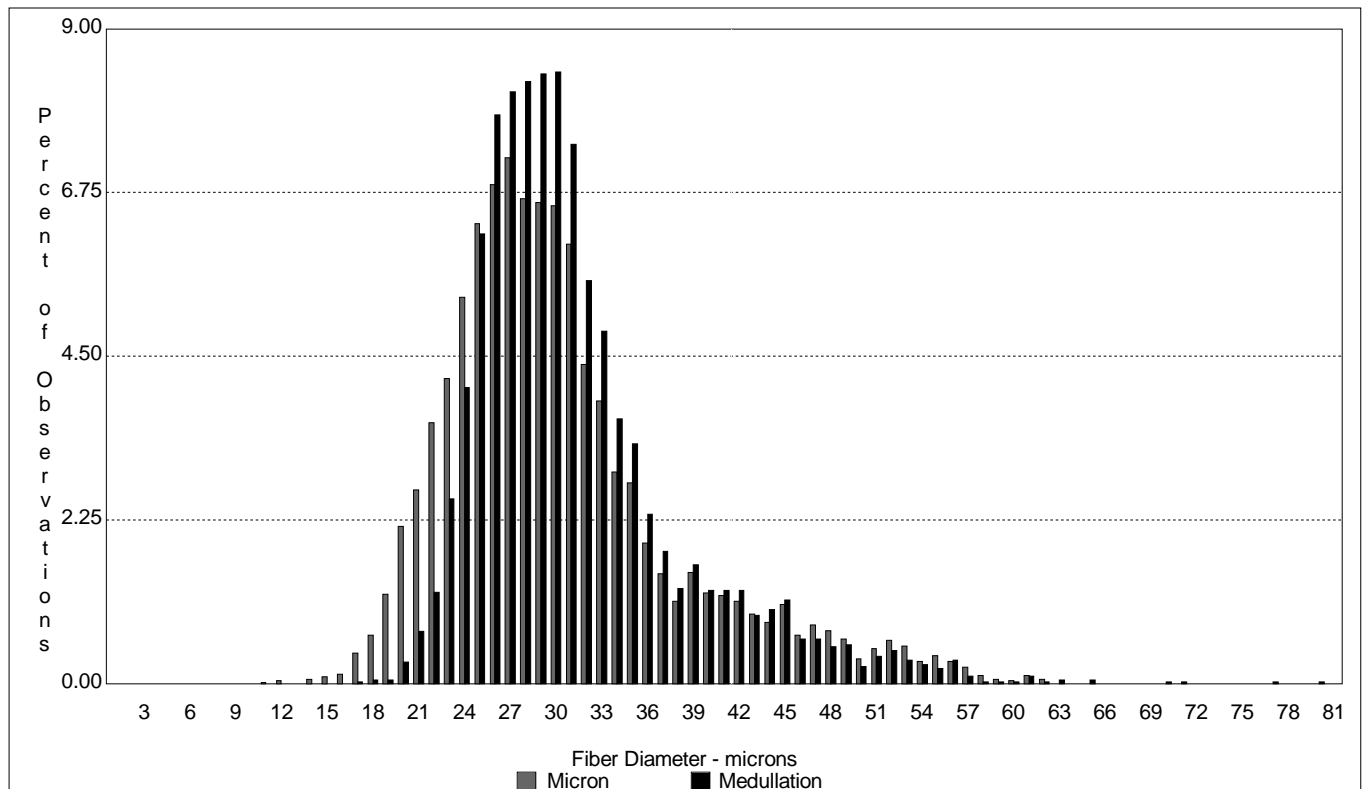
Date: 07/18/11
Shear ID: 3376
Test No: 409214

Animal and Sample Description

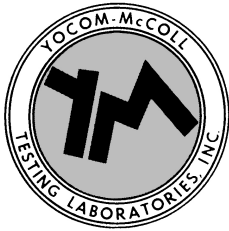
Animal Name: Felicity of Somerset Farm	Date of Birth (Age): 11/24/08
ARI #: 31105361	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: White	Total Fleece Wt (lbs): 5.75

Laboratory Data

Mean Fiber Diameter: 30.5 microns	Mean Staple Length: 112.0 mm
Standard Deviation: 8.1 microns	Length Standard Deviation: 3.9 mm
Coefficient of Variation: 26.6 %	Length Coefficient of Variation: 3.5 %
Spin Fineness: 31.3 microns	Mean Curvature: 27.9 deg/mm
Fibers Greater Than 30 microns: 39.2 %	SD Curvature: 19.1 deg/mm
Comfort Factor: 60.8 %	Medullated Fibers: 71.6 %



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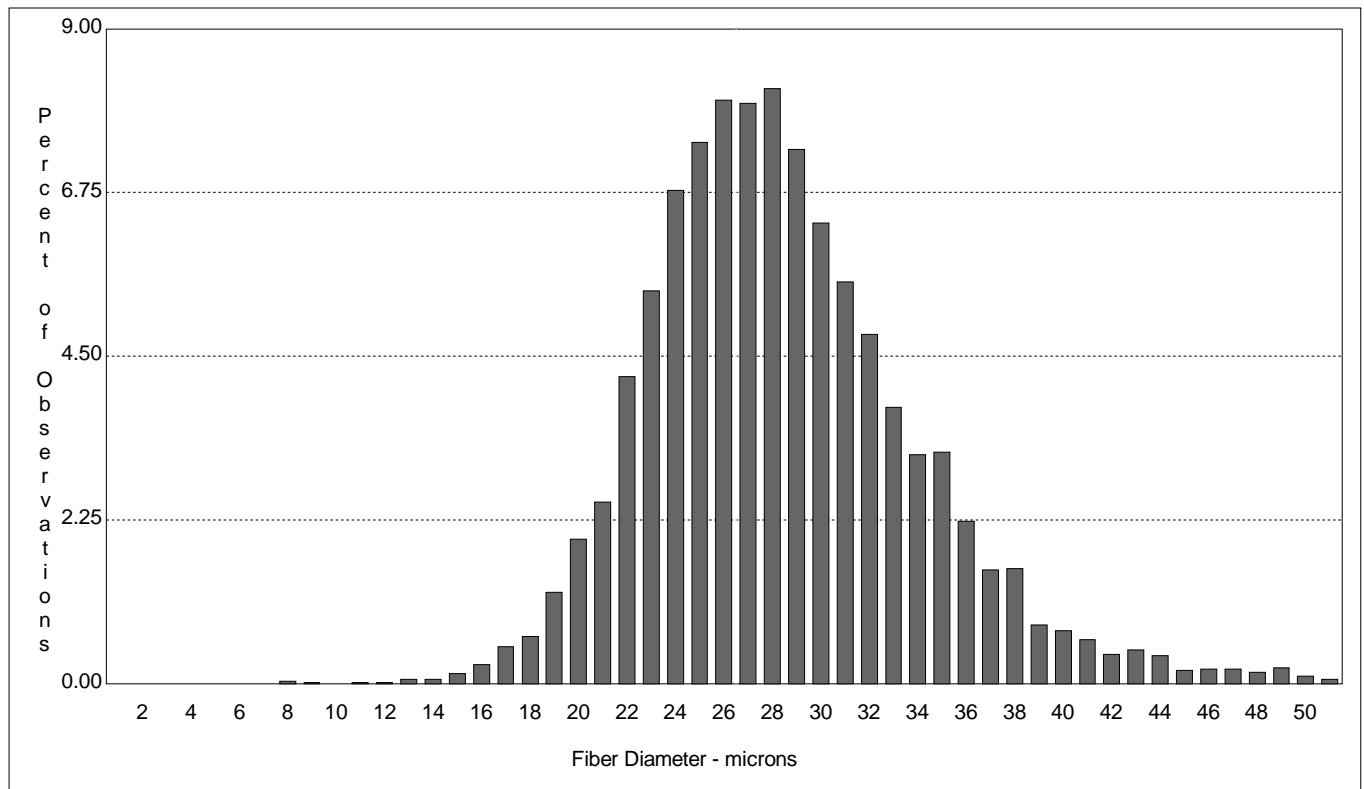
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Shear ID: 3389
Test No: 409215

Animal and Sample Description

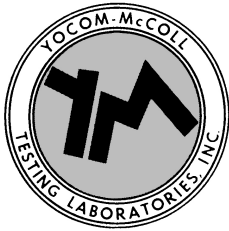
Animal Name: Bellarosa	Date of Birth (Age): 06/10/06
ARI #: 30476844	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Med Fawn	Total Fleece Wt (lbs): 6.90

Laboratory Data

Mean Fiber Diameter: 28.5 microns	Mean Staple Length: 78.4 mm
Standard Deviation: 5.9 microns	Length Standard Deviation: 4.2 mm
Coefficient of Variation: 20.5 %	Length Coefficient of Variation: 5.4 %
Spin Fineness: 27.6 microns	Mean Curvature: 28.2 deg/mm
Fibers Greater Than 30 microns: 30.8 %	SD Curvature: 18.5 deg/mm
Comfort Factor: 69.2 %	



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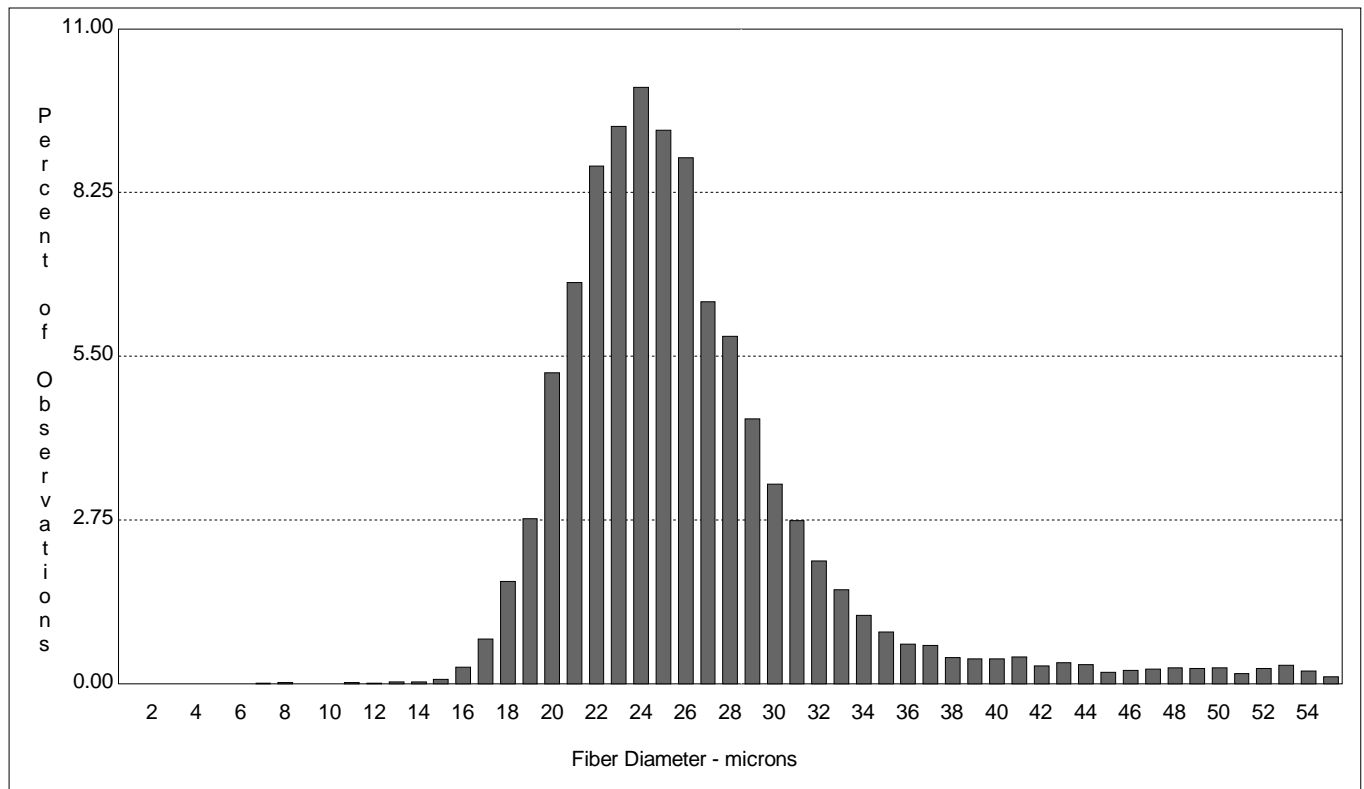
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Shear ID: 3385
Test No: 409216

Animal and Sample Description

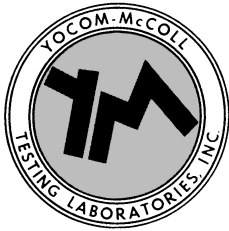
Animal Name: Inti-Sapa's Misty Dawn	Date of Birth (Age): 07/16/05
ARI #: 30470019	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 7.00

Laboratory Data

Mean Fiber Diameter: 26.5 microns	Mean Staple Length: 73.2 mm
Standard Deviation: 7.1 microns	Length Standard Deviation: 4.8 mm
Coefficient of Variation: 26.9 %	Length Coefficient of Variation: 6.5 %
Spin Fineness: 27.3 microns	Mean Curvature: 36.1 deg/mm
Fibers Greater Than 30 microns: 16.1 %	SD Curvature: 23.4 deg/mm
Comfort Factor: 83.9 %	



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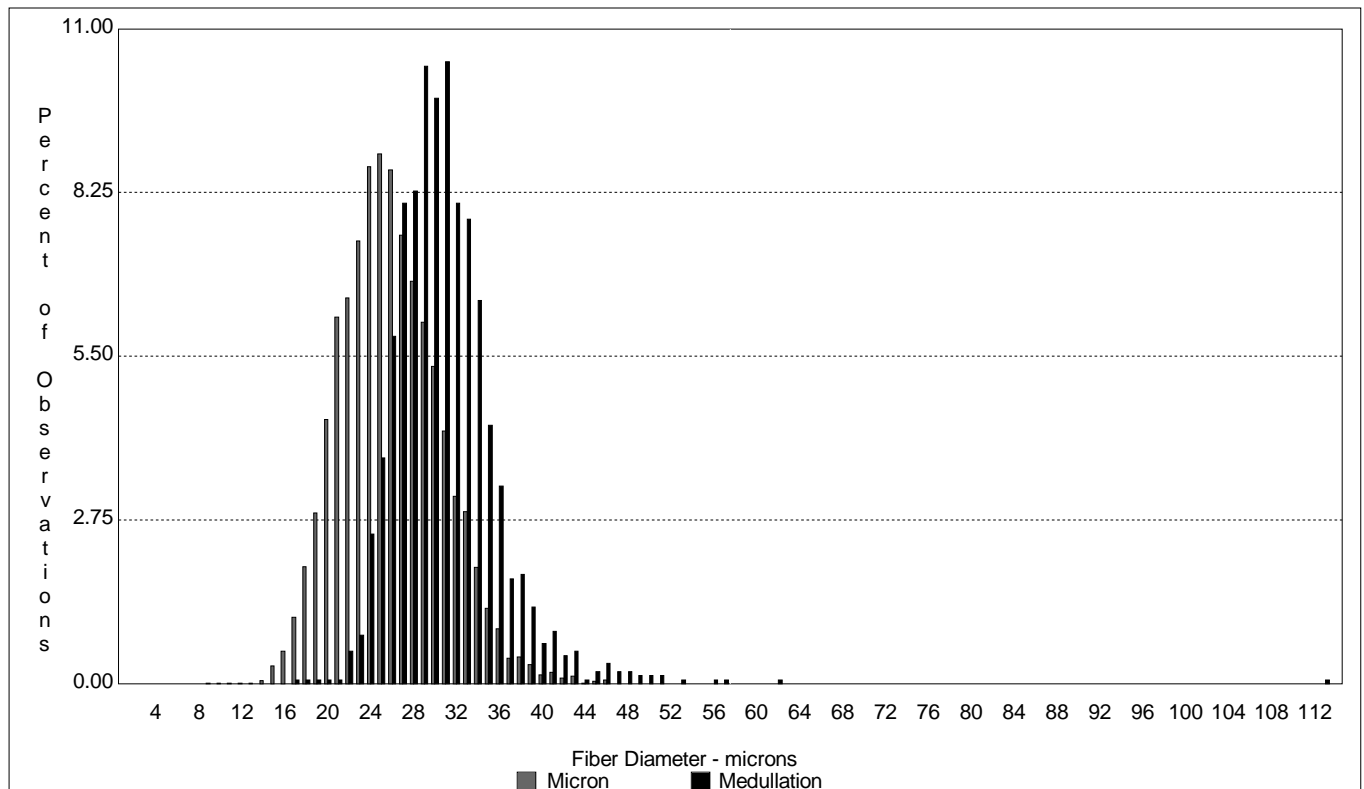
Date: 07/18/11
Shear ID: 3380
Test No: 409217

Animal and Sample Description

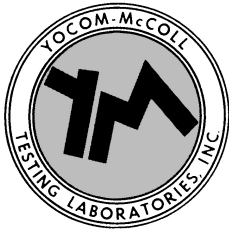
Animal Name: Octavia	Date of Birth (Age): 10/26/02
ARI #: 843092	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: White	Total Fleece Wt (lbs): 6.10

Laboratory Data

Mean Fiber Diameter: 26.0 microns	Mean Staple Length: 59.6 mm
Standard Deviation: 5.0 microns	Length Standard Deviation: 2.4 mm
Coefficient of Variation: 19.3 %	Length Coefficient of Variation: 4.0 %
Spin Fineness: 25.0 microns	Mean Curvature: 38.3 deg/mm
Fibers Greater Than 30 microns: 16.6 %	SD Curvature: 21.8 deg/mm
Comfort Factor: 83.4 %	Medullated Fibers: 20.3 %



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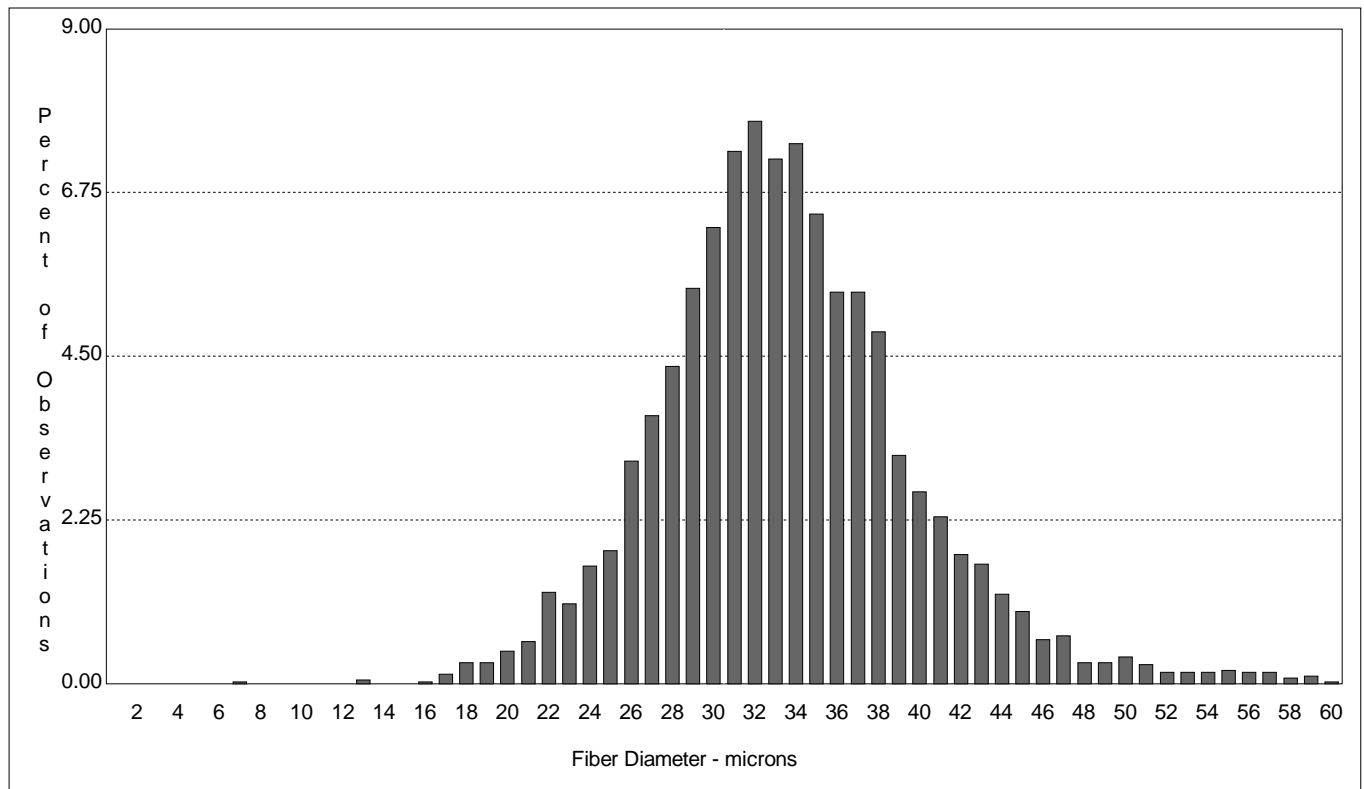
Date: 07/18/11
Shear ID: 3393
Test No: 409218

Animal and Sample Description

Animal Name: St Angel	Date of Birth (Age): 10/03/02
ARI #: 839995	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Med Fawn	Total Fleece Wt (lbs): 7.10

Laboratory Data

Mean Fiber Diameter: 33.7 microns	Mean Staple Length: 84.0 mm
Standard Deviation: 6.8 microns	Length Standard Deviation: 4.5 mm
Coefficient of Variation: 20.2 %	Length Coefficient of Variation: 5.3 %
Spin Fineness: 32.6 microns	Mean Curvature: 25.5 deg/mm
Fibers Greater Than 30 microns: 69.6 %	SD Curvature: 16.2 deg/mm
Comfort Factor: 30.4 %	



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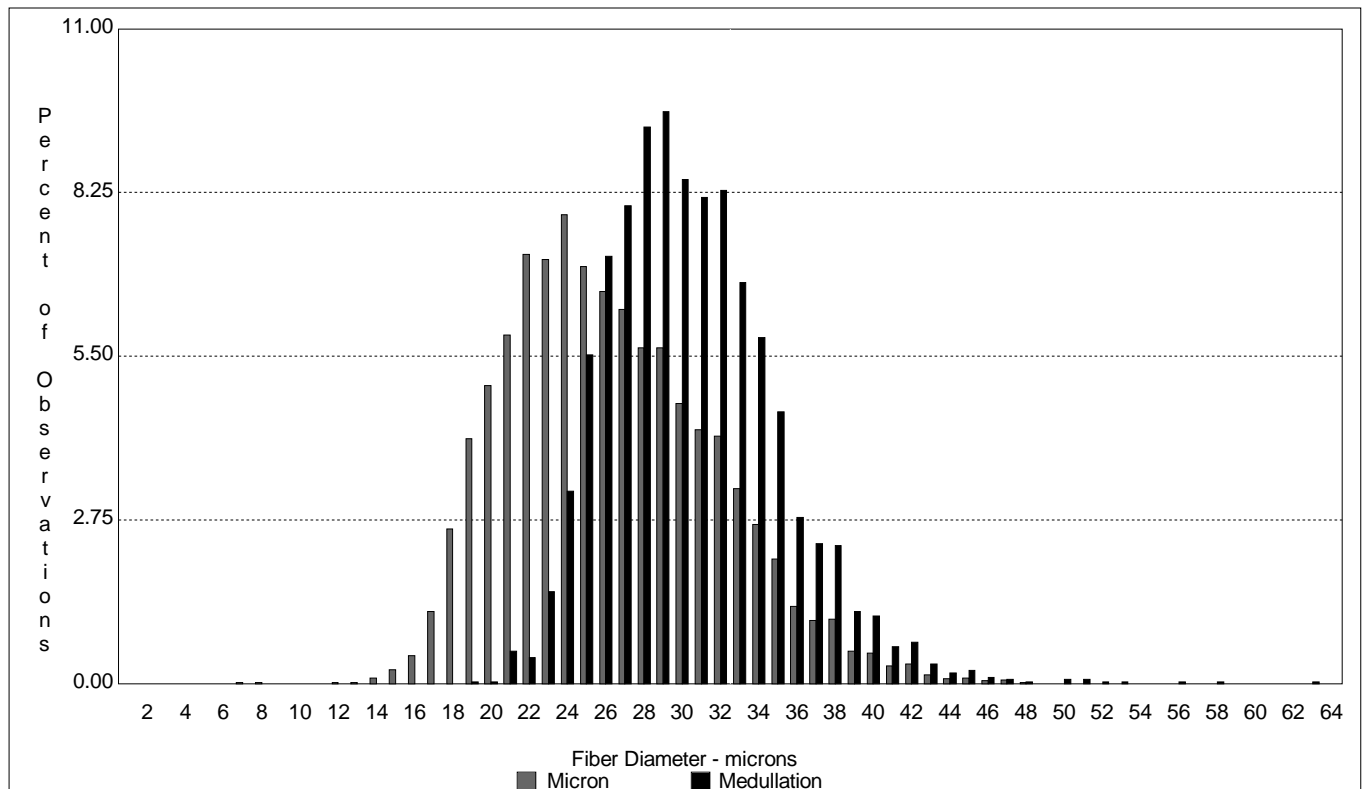
Date: 07/18/11
Shear ID: 3379
Test No: 409219

Animal and Sample Description

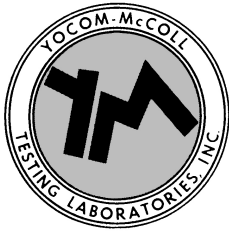
Animal Name: Matina May of Somerset Farm	Date of Birth (Age): 05/17/07
ARI #: 30898448	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: White	Total Fleece Wt (lbs): 4.70

Laboratory Data

Mean Fiber Diameter: 26.4 microns	Mean Staple Length: 74.6 mm
Standard Deviation: 5.5 microns	Length Standard Deviation: 4.8 mm
Coefficient of Variation: 21.0 %	Length Coefficient of Variation: 6.4 %
Spin Fineness: 25.6 microns	Mean Curvature: 33.0 deg/mm
Fibers Greater Than 30 microns: 22.2 %	SD Curvature: 24.3 deg/mm
Comfort Factor: 77.8 %	Medullated Fibers: 45.2 %



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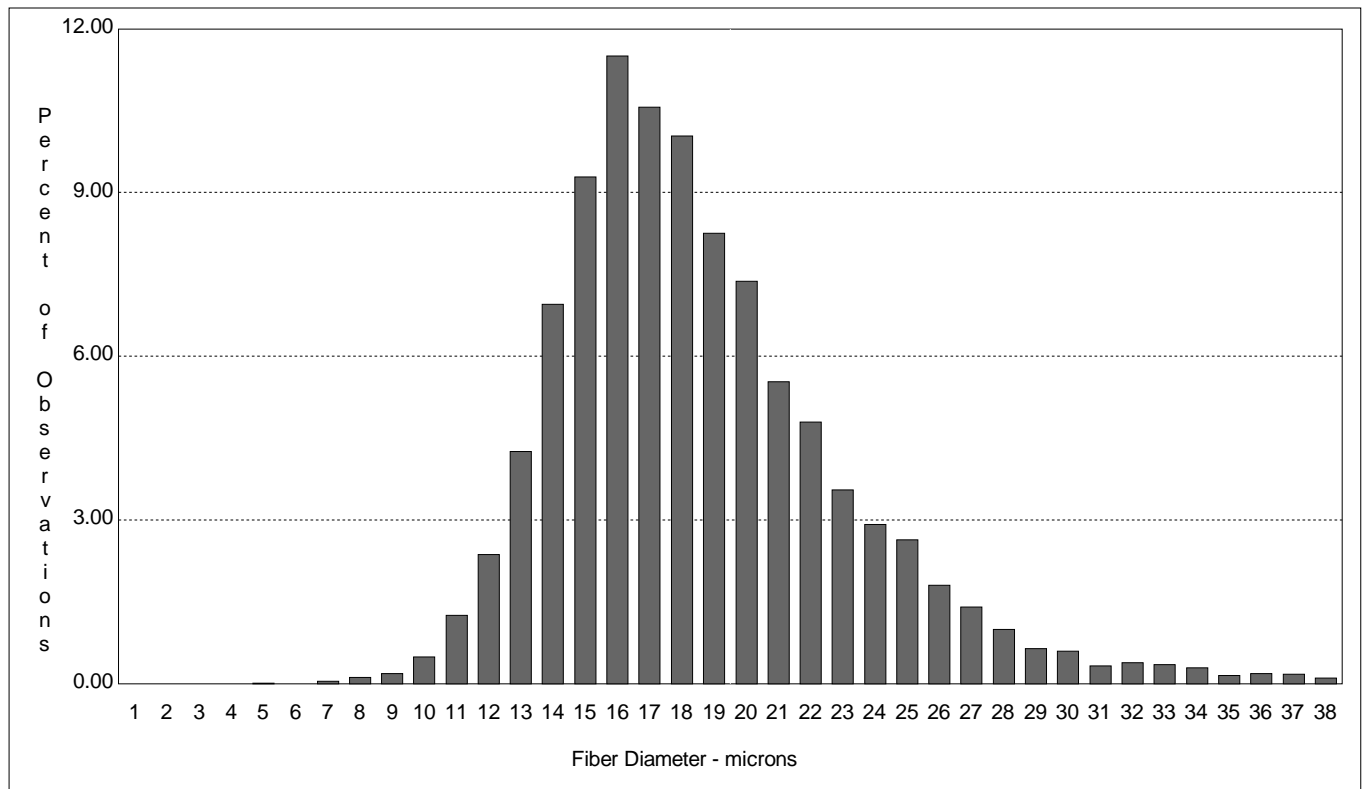
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Shear ID: 3386
Test No: 409220

Animal and Sample Description

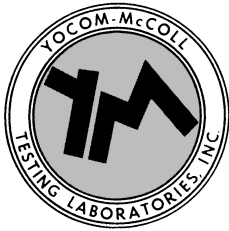
Animal Name: Latte's Mocha Twist Somerset Farm	Date of Birth (Age): 02/06/09
ARI #: 31542142	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 5.80

Laboratory Data

Mean Fiber Diameter: 18.7 microns	Mean Staple Length: 85.8 mm
Standard Deviation: 4.9 microns	Length Standard Deviation: 2.6 mm
Coefficient of Variation: 26.3 %	Length Coefficient of Variation: 3.0 %
Spin Fineness: 19.1 microns	Mean Curvature: 43.1 deg/mm
Fibers Greater Than 30 microns: 2.4 %	SD Curvature: 26.8 deg/mm
Comfort Factor: 97.6 %	



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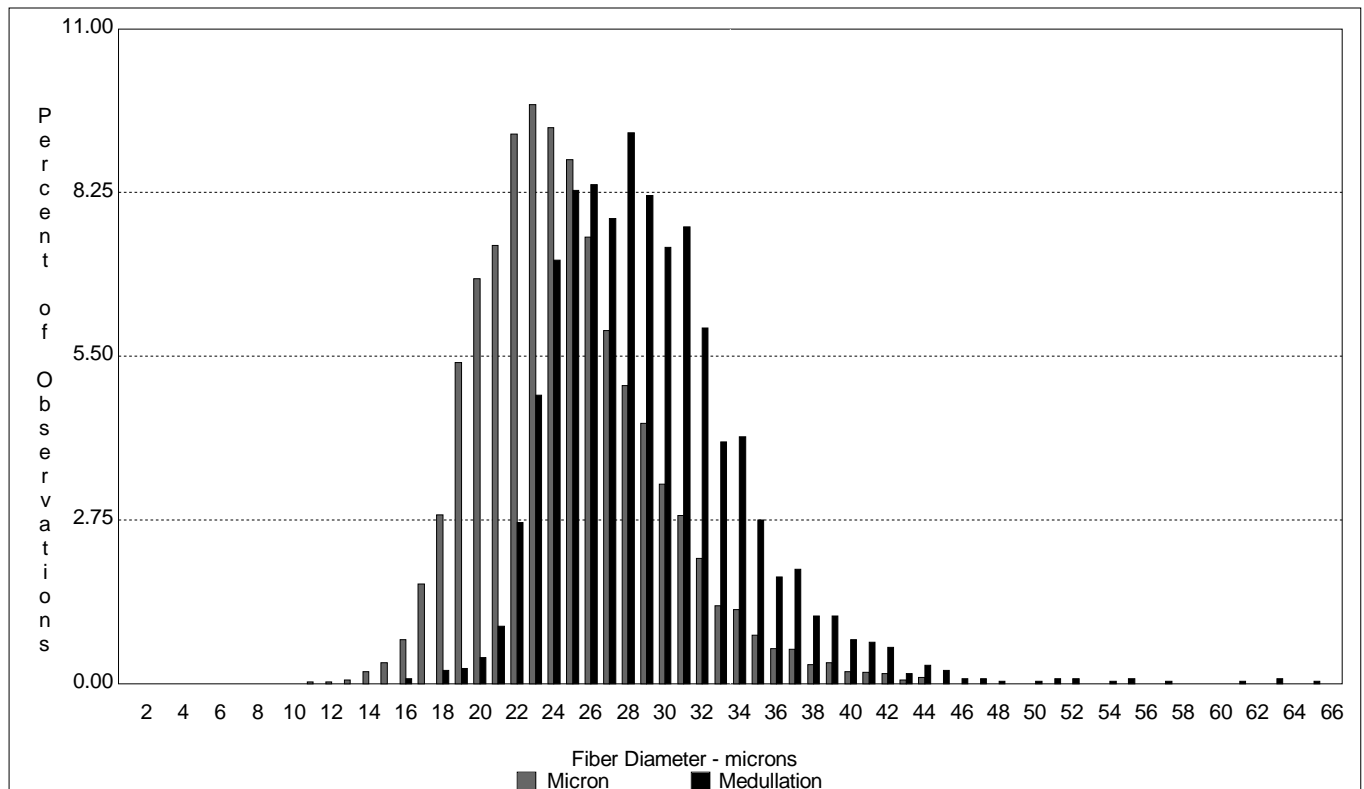
Date: 07/18/11
Shear ID: 3373
Test No: 409221

Animal and Sample Description

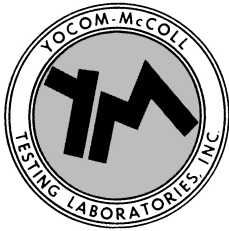
Animal Name: CF Cuzco	Date of Birth (Age): 07/09/04
ARI #: 1100259	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Male	Previous Shear Date: 06/17/10
Color: White	Total Fleece Wt (lbs): 6.00

Laboratory Data

Mean Fiber Diameter: 24.8 microns	Mean Staple Length: 65.4 mm
Standard Deviation: 5.0 microns	Length Standard Deviation: 3.2 mm
Coefficient of Variation: 20.0 %	Length Coefficient of Variation: 4.9 %
Spin Fineness: 23.9 microns	Mean Curvature: 37.2 deg/mm
Fibers Greater Than 30 microns: 11.3 %	SD Curvature: 22.3 deg/mm
Comfort Factor: 88.7 %	Medullated Fibers: 27.8 %



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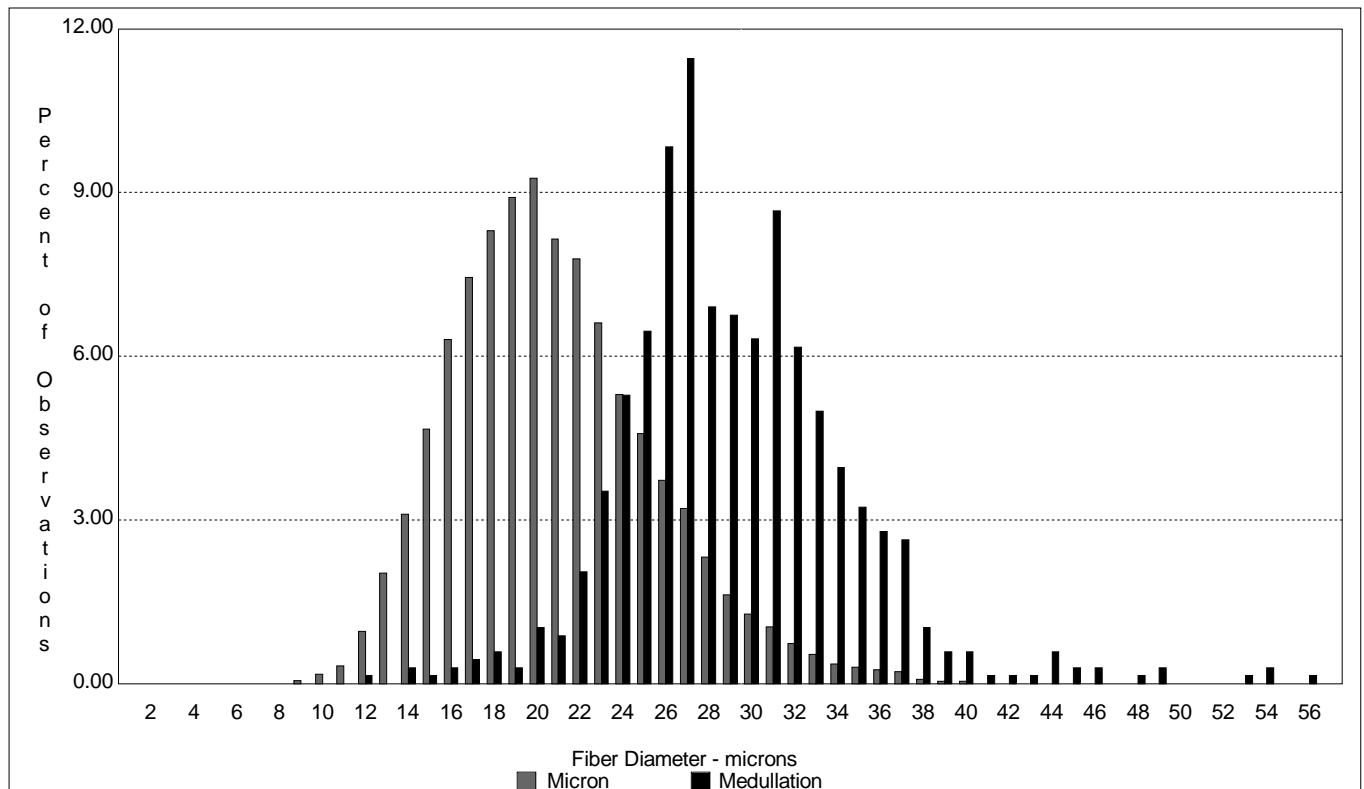
Date: 07/18/11
Shear ID: 3375
Test No: 409222

Animal and Sample Description

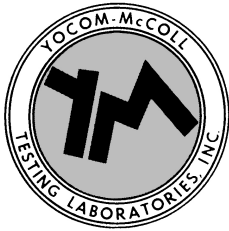
Animal Name: Elizabeth May of Somerset Farm	Date of Birth (Age): 01/31/09
ARI #: 31105378	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: White	Total Fleece Wt (lbs): 6.70

Laboratory Data

Mean Fiber Diameter: 20.9 microns	Mean Staple Length: 96.8 mm
Standard Deviation: 4.9 microns	Length Standard Deviation: 10.2 mm
Coefficient of Variation: 23.5 %	Length Coefficient of Variation: 10.6 %
Spin Fineness: 20.8 microns	Mean Curvature: 43.8 deg/mm
Fibers Greater Than 30 microns: 3.9 %	SD Curvature: 26.4 deg/mm
Comfort Factor: 96.1 %	Medullated Fibers: 8.3 %



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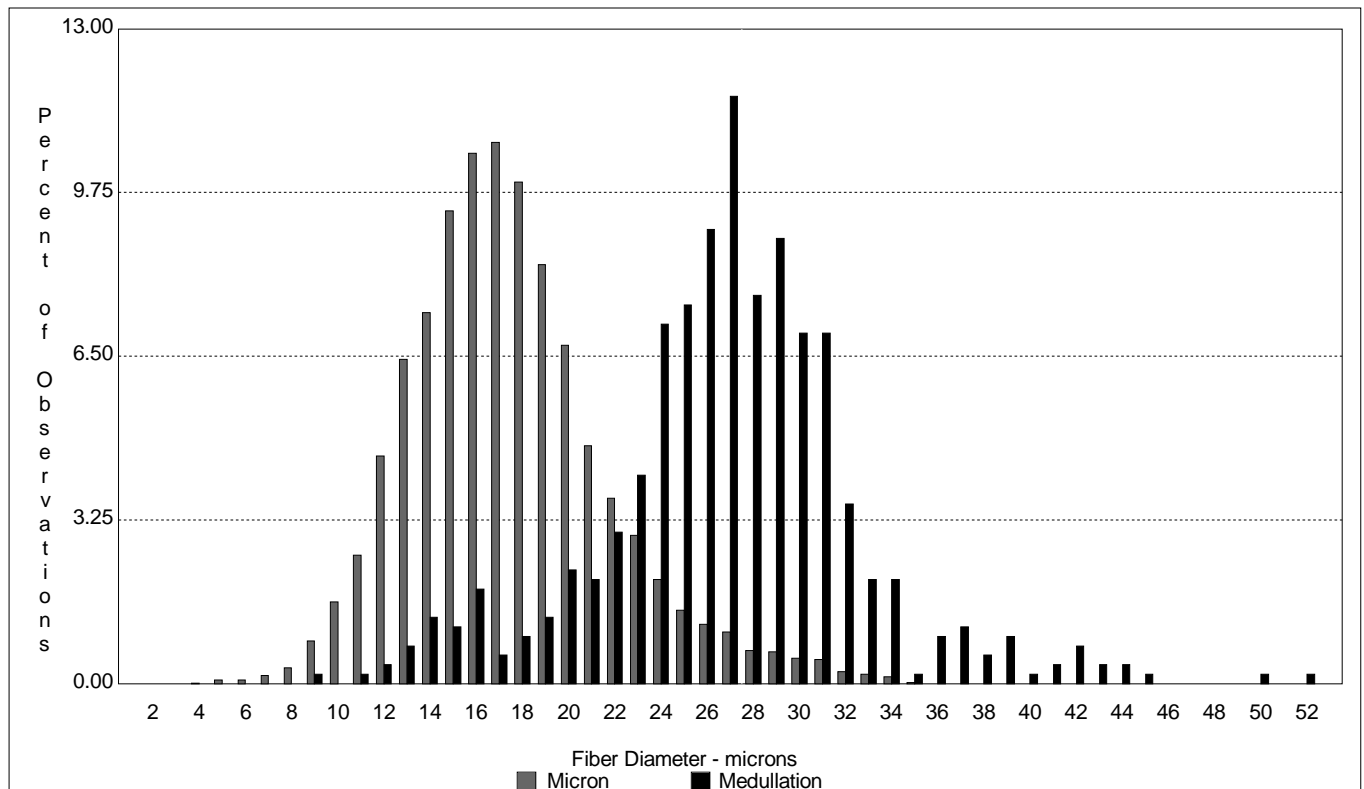
Date: 07/18/11
Shear ID: 3378
Test No: 409223

Animal and Sample Description

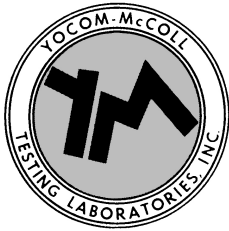
Animal Name: Latte's Kizmet of Somerset Farm	Date of Birth (Age): 05/22/10
ARI #: 31802475	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: White	Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 17.6 microns	Mean Staple Length: 102.2 mm
Standard Deviation: 4.6 microns	Length Standard Deviation: 8.0 mm
Coefficient of Variation: 25.9 %	Length Coefficient of Variation: 7.8 %
Spin Fineness: 17.9 microns	Mean Curvature: 52.1 deg/mm
Fibers Greater Than 30 microns: 1.5 %	SD Curvature: 29.6 deg/mm
Comfort Factor: 98.5 %	Medullated Fibers: 6.0 %



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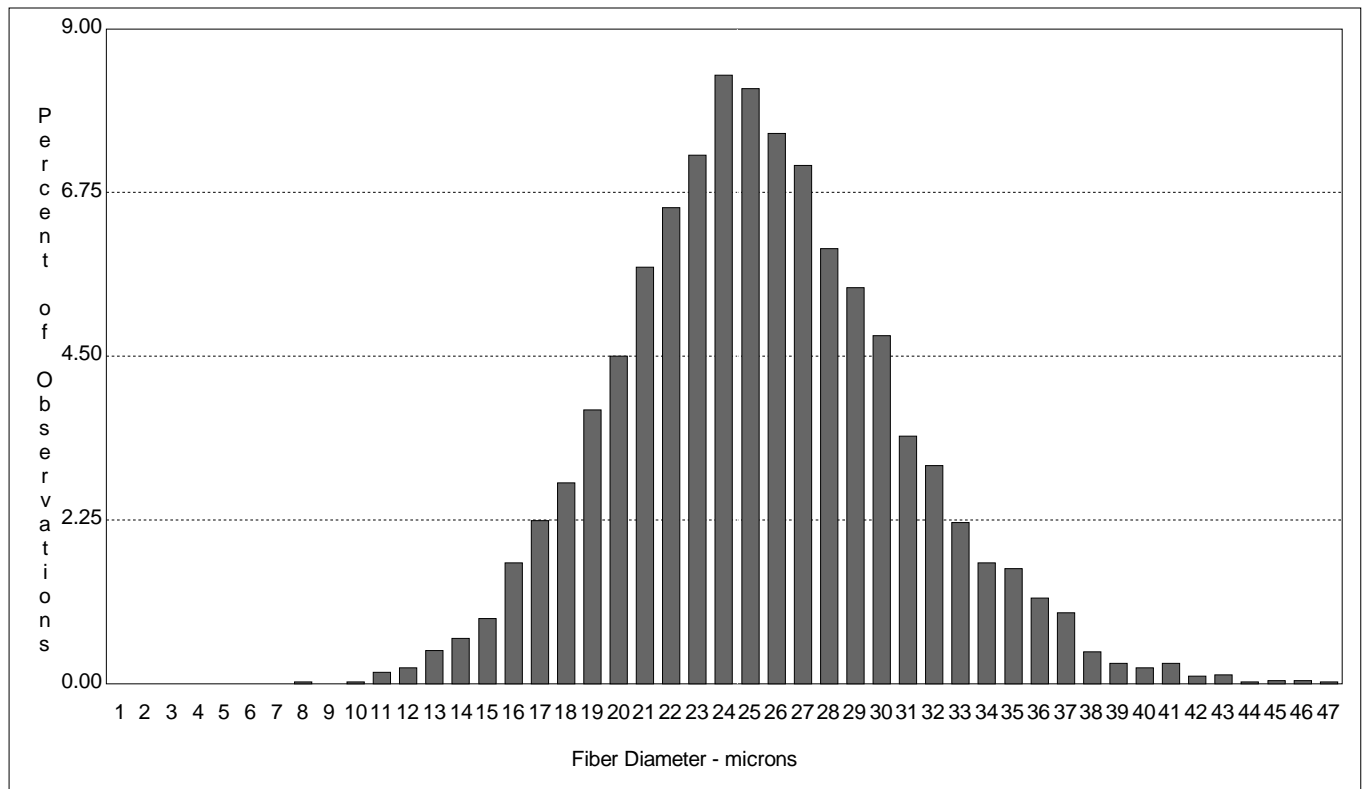
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Shear ID: 3384
Test No: 409224

Animal and Sample Description

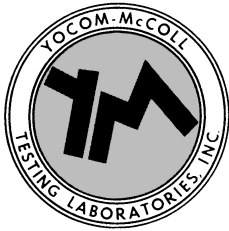
Animal Name: Faeteza of Somerset Farm	Date of Birth (Age): 06/18/07
ARI #: 30476806	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 5.50

Laboratory Data

Mean Fiber Diameter: 25.4 microns	Mean Staple Length: 81.2 mm
Standard Deviation: 5.4 microns	Length Standard Deviation: 2.9 mm
Coefficient of Variation: 21.4 %	Length Coefficient of Variation: 3.5 %
Spin Fineness: 24.8 microns	Mean Curvature: 44.2 deg/mm
Fibers Greater Than 30 microns: 15.7 %	SD Curvature: 26.4 deg/mm
Comfort Factor: 84.3 %	



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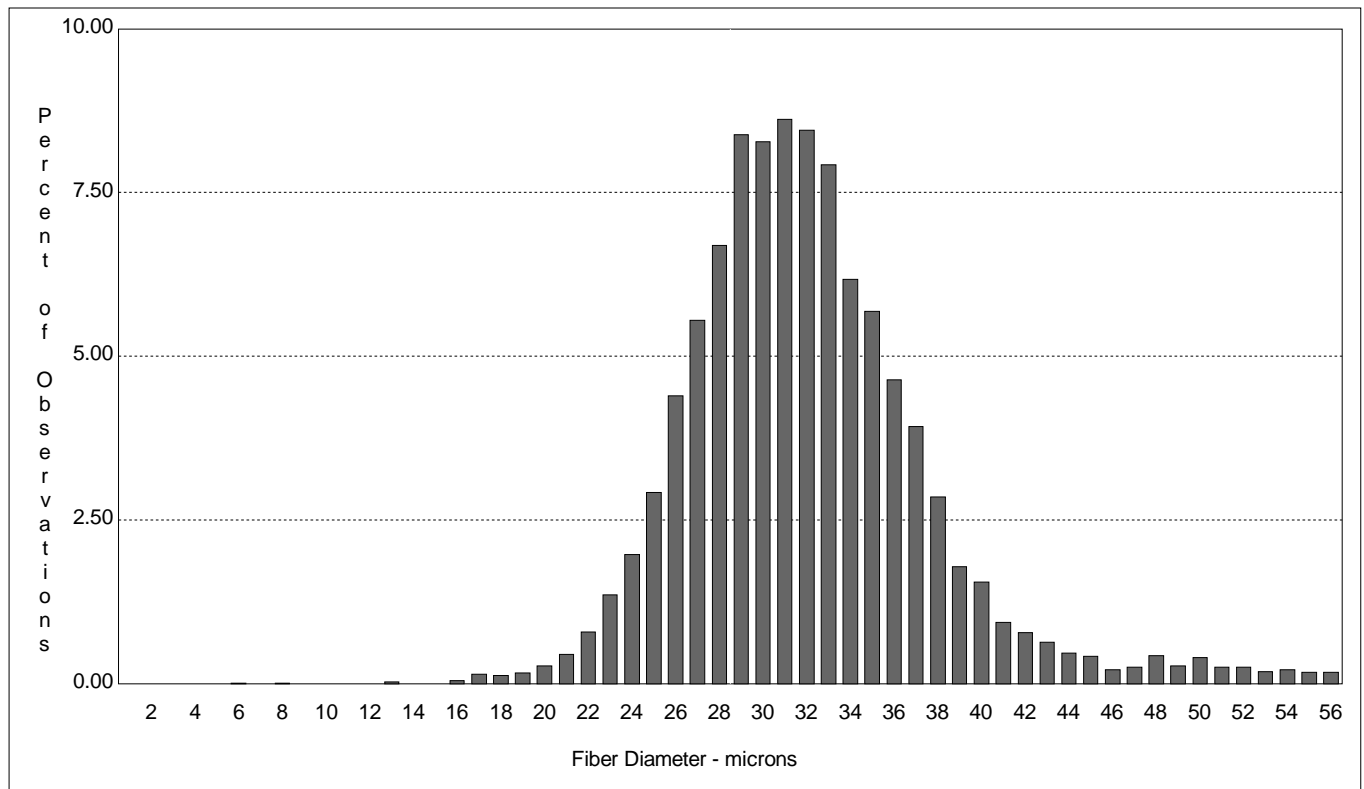
Date: 07/18/11
Shear ID: 3390
Test No: 409225

Animal and Sample Description

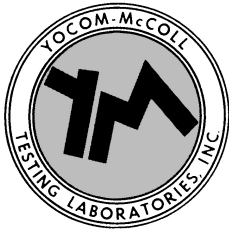
Animal Name: Dekana's Isabella	Date of Birth (Age): 04/02/07
ARI #: 30557215	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Med Fawn	Total Fleece Wt (lbs): 5.60

Laboratory Data

Mean Fiber Diameter: 32.2 microns	Mean Staple Length: 78.6 mm
Standard Deviation: 6.2 microns	Length Standard Deviation: 3.8 mm
Coefficient of Variation: 19.2 %	Length Coefficient of Variation: 4.8 %
Spin Fineness: 30.9 microns	Mean Curvature: 26.5 deg/mm
Fibers Greater Than 30 microns: 58.4 %	SD Curvature: 16.5 deg/mm
Comfort Factor: 41.6 %	



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



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 EMAIL: ymccoll@ymccoll.com

**Optical Fiber Diameter Analyser (OFDA 100)
 Micron Test Report**

Alpacas of Somerset Farm/Dianna & Jack Jordan
 PO Box 190
 Somerset CA 95684

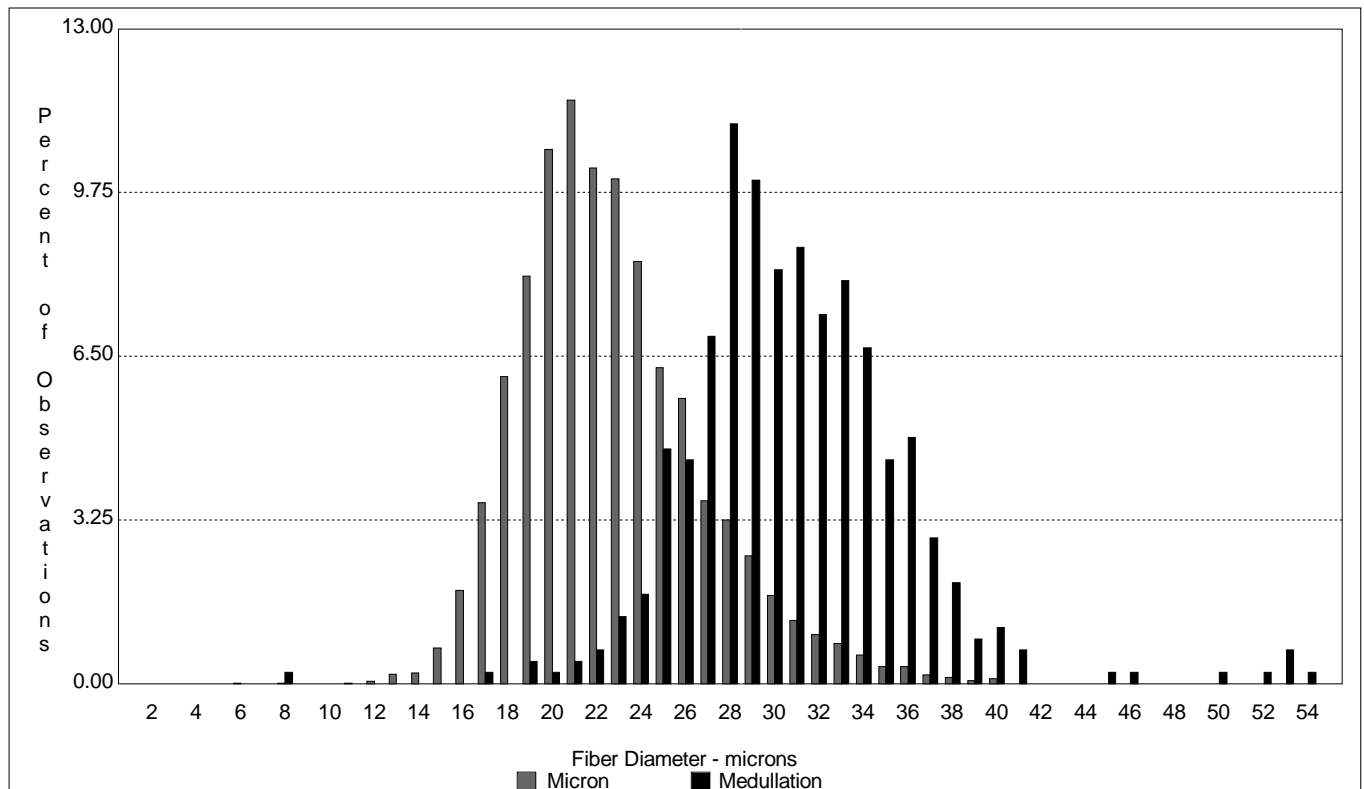
Date: 07/18/11
Shear ID: 3374
Test No: 409226

Animal and Sample Description

Animal Name: Derwydd Inti's Qena	Date of Birth (Age): 12/23/05
ARI #: 30469976	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 07/19/10
Color: White	Total Fleece Wt (lbs): 6.70

Laboratory Data

Mean Fiber Diameter: 22.8 microns	Mean Staple Length: 74.6 mm
Standard Deviation: 4.4 microns	Length Standard Deviation: 4.7 mm
Coefficient of Variation: 19.4 %	Length Coefficient of Variation: 6.3 %
Spin Fineness: 21.9 microns	Mean Curvature: 42.1 deg/mm
Fibers Greater Than 30 microns: 5.2 %	SD Curvature: 24.9 deg/mm
Comfort Factor: 94.8 %	Medullated Fibers: 5.8 %



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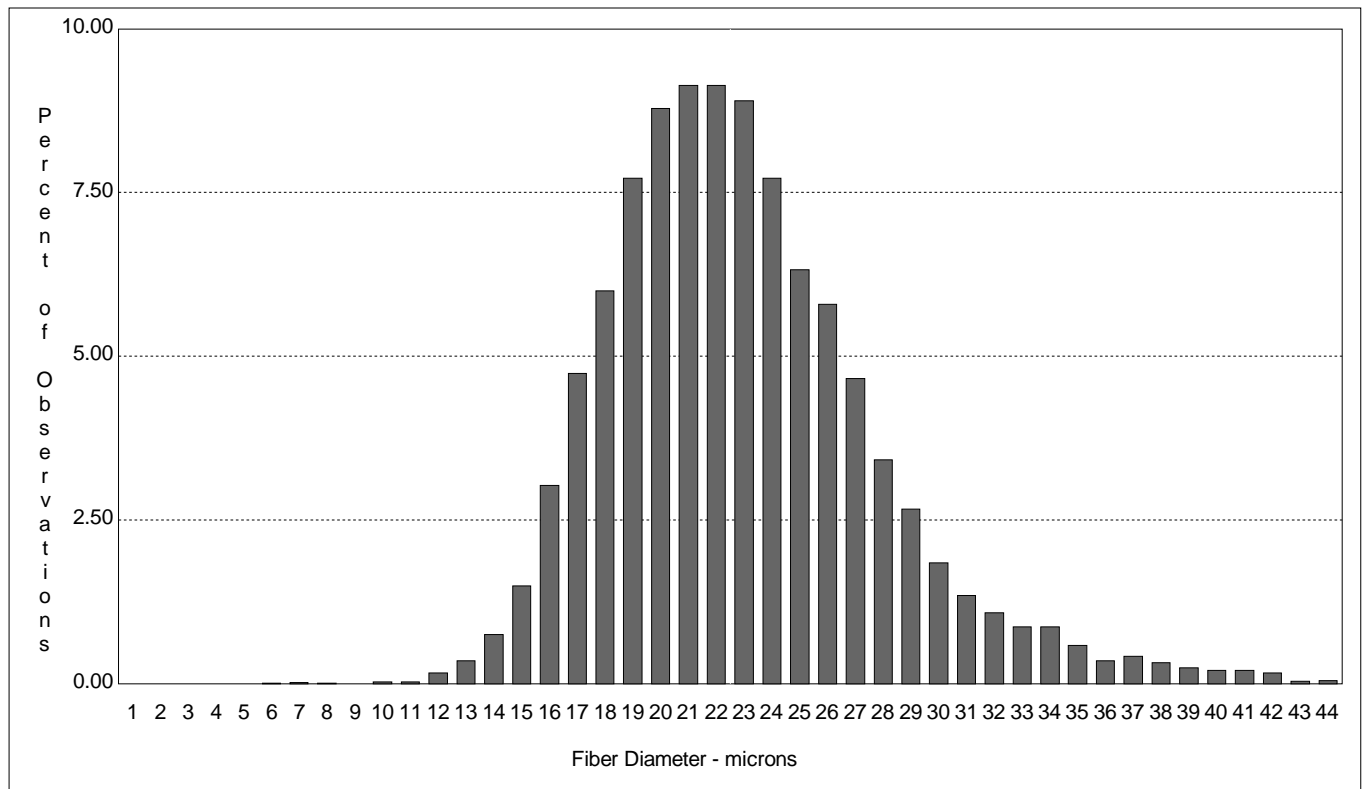
Date: 07/18/11
Shear ID: 3399
Test No: 409227

Animal and Sample Description

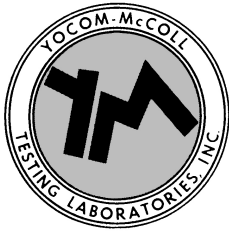
Animal Name: Hot Stuff of Somerset Farm	Date of Birth (Age): 05/05/09
ARI #: 31542180	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 06/17/10
Sex: Male	Previous Shear Date: XX/XX/XX
Color: True Black	Total Fleece Wt (lbs): 6.60

Laboratory Data

Mean Fiber Diameter: 23.1 microns	Mean Staple Length: 79.2 mm
Standard Deviation: 5.4 microns	Length Standard Deviation: 4.9 mm
Coefficient of Variation: 23.5 %	Length Coefficient of Variation: 6.2 %
Spin Fineness: 23.0 microns	Mean Curvature: 37.1 deg/mm
Fibers Greater Than 30 microns: 7.3 %	SD Curvature: 22.4 deg/mm
Comfort Factor: 92.7 %	



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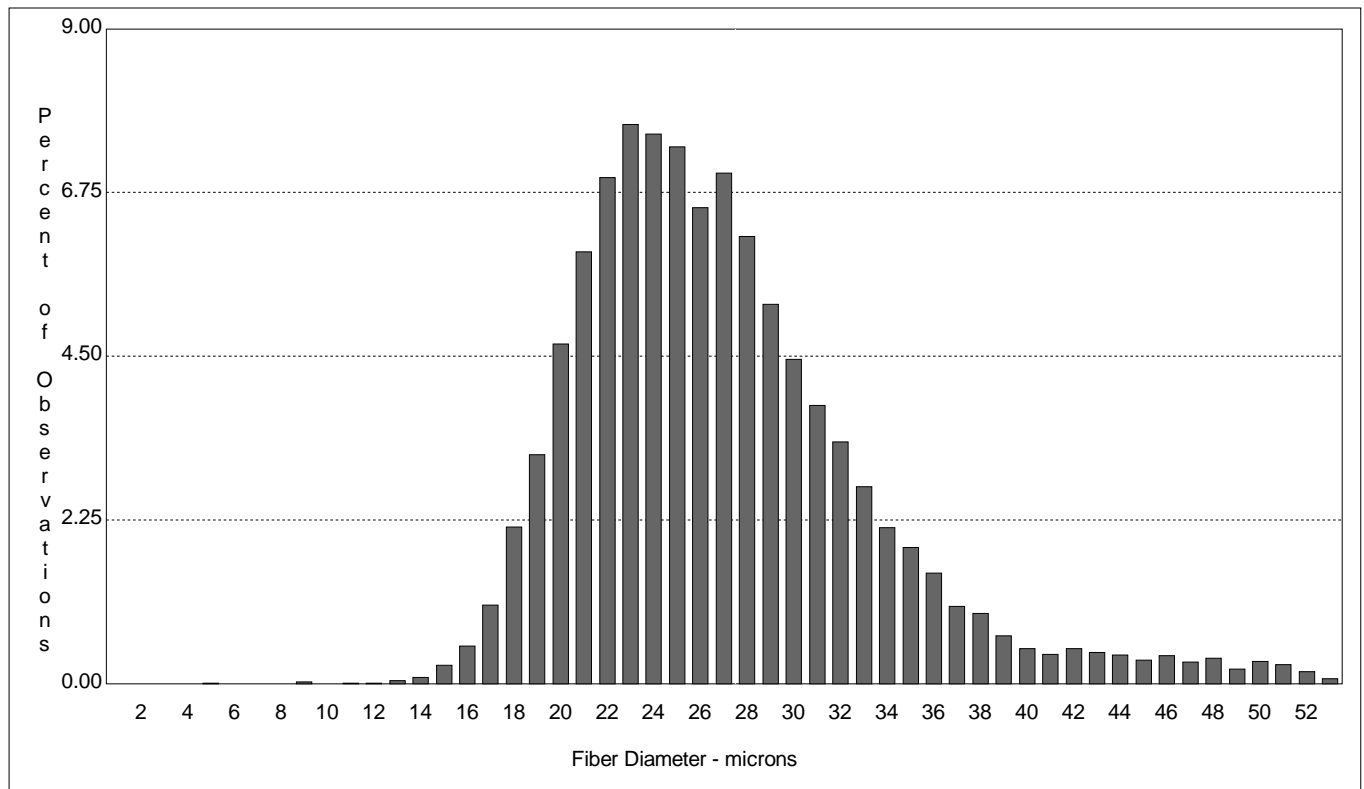
Date: 07/18/11
Shear ID: 3395
Test No: 409228

Animal and Sample Description

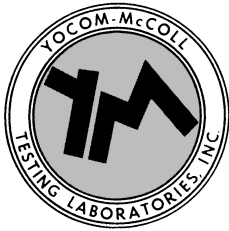
Animal Name: Melody's Mystique	Date of Birth (Age): 06/12/06
ARI #: 30476790	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Med Rose Grey	Total Fleece Wt (lbs): 5.70

Laboratory Data

Mean Fiber Diameter: 27.0 microns	Mean Staple Length: 89.0 mm
Standard Deviation: 6.7 microns	Length Standard Deviation: 3.7 mm
Coefficient of Variation: 24.8 %	Length Coefficient of Variation: 4.1 %
Spin Fineness: 27.2 microns	Mean Curvature: 34.5 deg/mm
Fibers Greater Than 30 microns: 23.1 %	SD Curvature: 21.0 deg/mm
Comfort Factor: 76.9 %	



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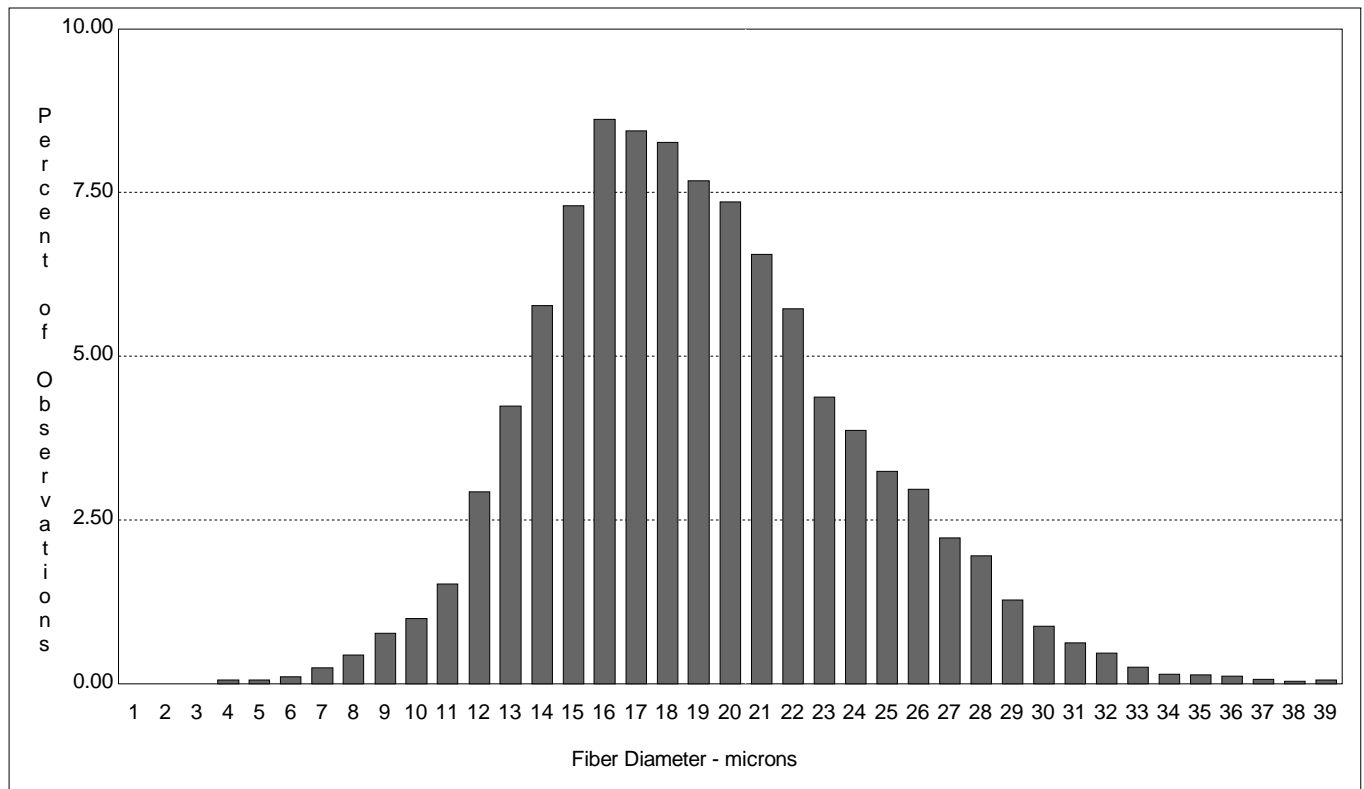
Date: 07/18/11
Shear ID: 3387
Test No: 409229

Animal and Sample Description

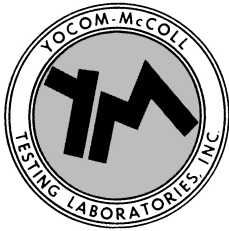
Animal Name: MC Escher-Art In Motion	Date of Birth (Age): 04/01/10
ARI #: 31802413	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/01/10
Sex: Male	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 19.1 microns	Mean Staple Length: 92.4 mm
Standard Deviation: 5.2 microns	Length Standard Deviation: 12.6 mm
Coefficient of Variation: 27.2 %	Length Coefficient of Variation: 13.7 %
Spin Fineness: 19.7 microns	Mean Curvature: 39.5 deg/mm
Fibers Greater Than 30 microns: 2.1 %	SD Curvature: 25.5 deg/mm
Comfort Factor: 97.9 %	



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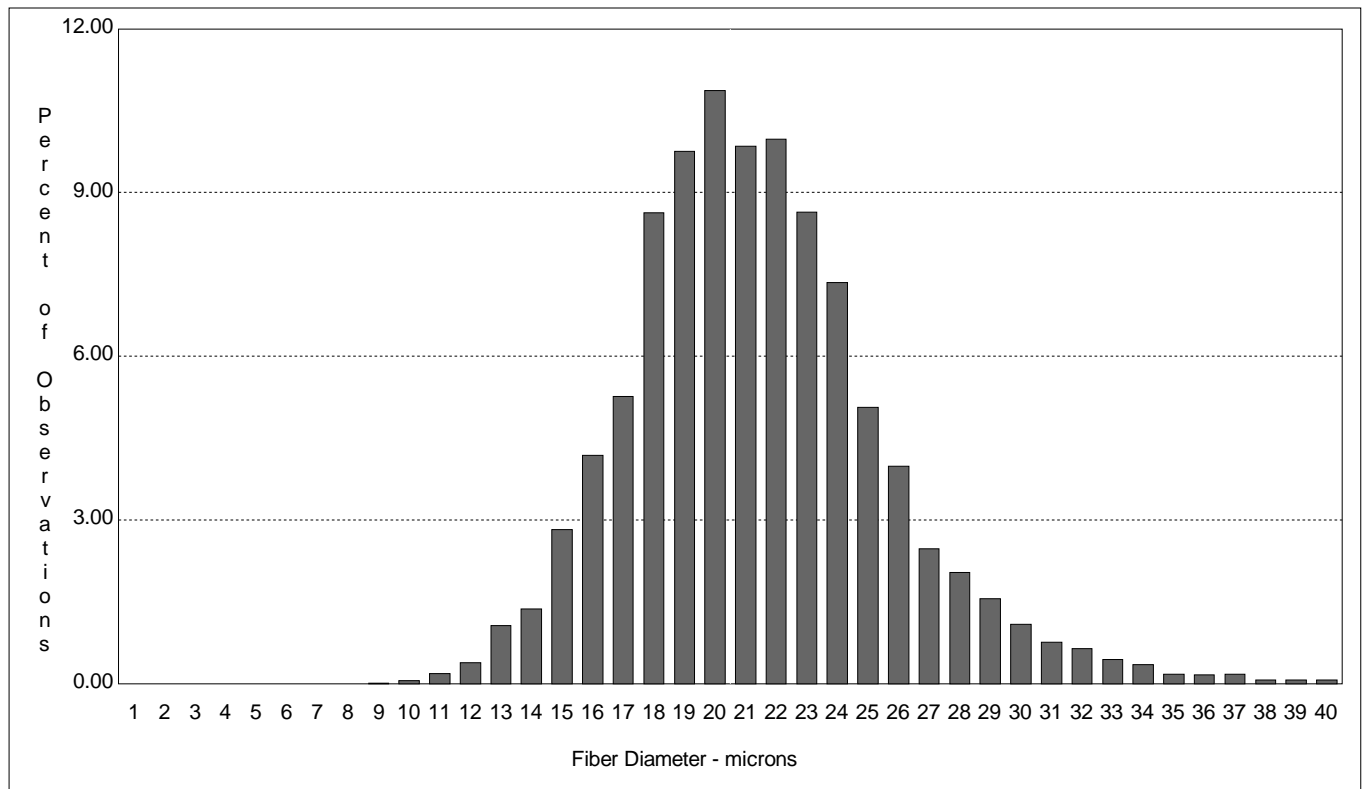
Date: 07/18/11
Shear ID: 3382
Test No: 409230

Animal and Sample Description

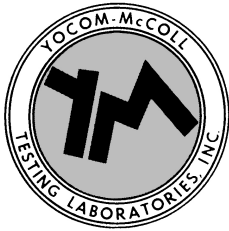
Animal Name: Champagne Mist of Somerset Farm	Date of Birth (Age): 12/11/08
ARI #: 31542159	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 5.80

Laboratory Data

Mean Fiber Diameter: 21.5 microns	Mean Staple Length: 78.2 mm
Standard Deviation: 4.7 microns	Length Standard Deviation: 5.2 mm
Coefficient of Variation: 21.8 %	Length Coefficient of Variation: 6.7 %
Spin Fineness: 21.1 microns	Mean Curvature: 45.9 deg/mm
Fibers Greater Than 30 microns: 3.4 %	SD Curvature: 26.0 deg/mm
Comfort Factor: 96.6 %	



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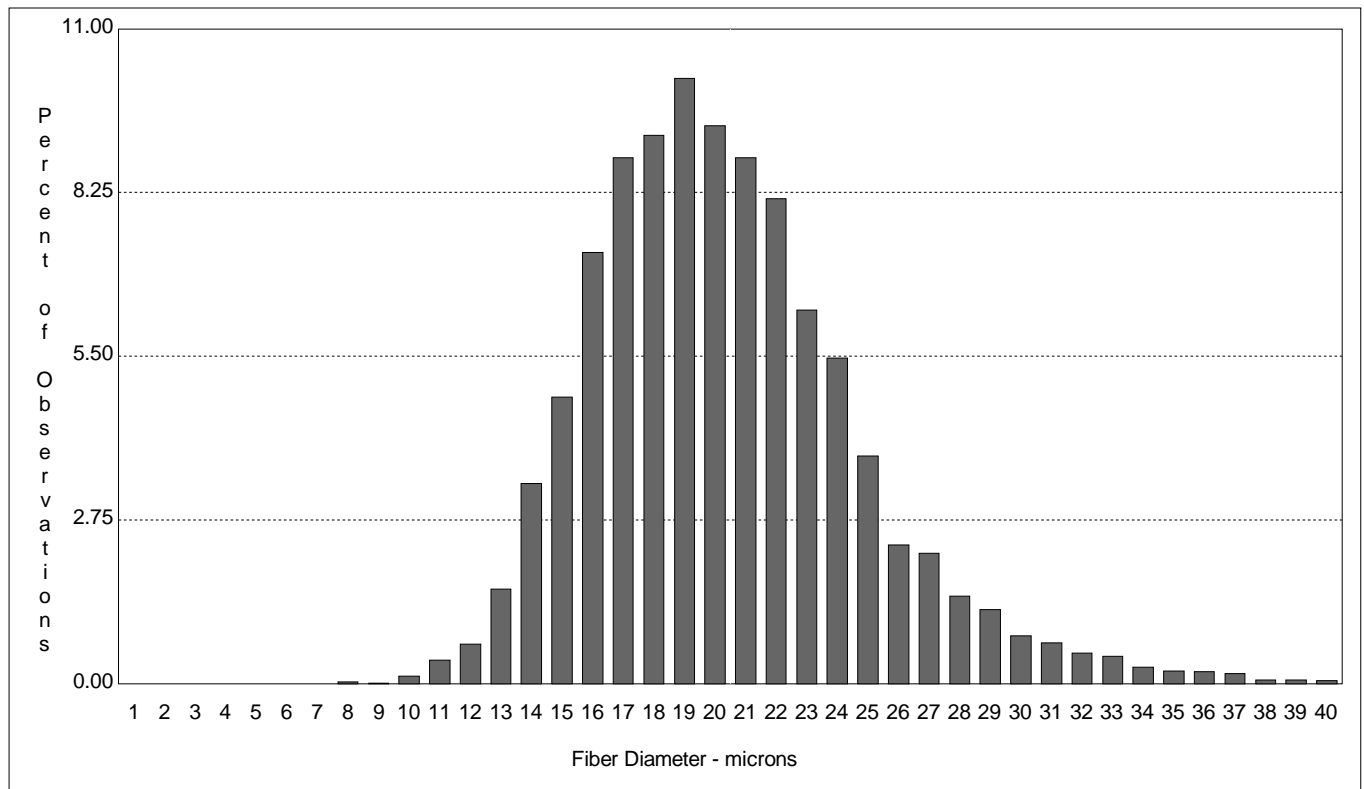
Date: 07/18/11
Shear ID: 3383
Test No: 409231

Animal and Sample Description

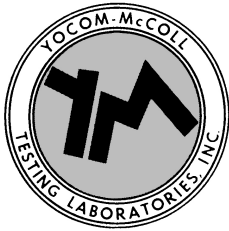
Animal Name: Derwydd Greystone's Kanilla	Date of Birth (Age): 02/03/08
ARI #: 30682139	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Female	Previous Shear Date: 05/07/10
Color: Lt Fawn	Total Fleece Wt (lbs): 4.80

Laboratory Data

Mean Fiber Diameter: 20.6 microns	Mean Staple Length: 99.4 mm
Standard Deviation: 5.0 microns	Length Standard Deviation: 9.3 mm
Coefficient of Variation: 24.3 %	Length Coefficient of Variation: 9.4 %
Spin Fineness: 20.6 microns	Mean Curvature: 14.9 deg/mm
Fibers Greater Than 30 microns: 3.6 %	SD Curvature: 17.6 deg/mm
Comfort Factor: 96.4 %	



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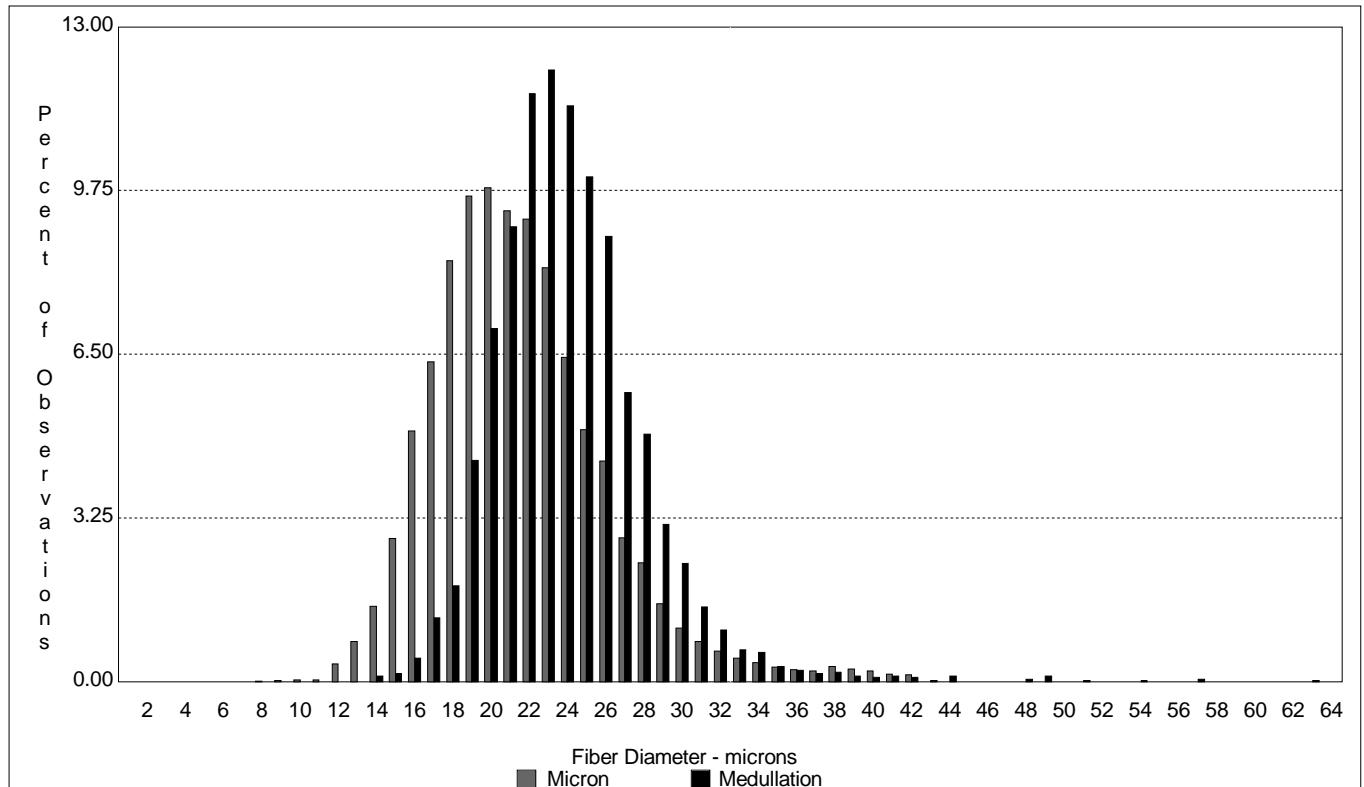
Date: 07/18/11
Shear ID: 3381
Test No: 409232

Animal and Sample Description

Animal Name: Chaccu Latte of Somerset Farm	Date of Birth (Age): 10/12/05
ARI #: 30476851	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/09/11
Sex: Male	Previous Shear Date: 06/17/10
Color: Beige	Total Fleece Wt (lbs): 5.60

Laboratory Data

Mean Fiber Diameter: 21.8 microns	Mean Staple Length: 78.4 mm
Standard Deviation: 5.2 microns	Length Standard Deviation: 2.5 mm
Coefficient of Variation: 24.0 %	Length Coefficient of Variation: 3.2 %
Spin Fineness: 21.8 microns	Mean Curvature: 44.2 deg/mm
Fibers Greater Than 30 microns: 4.9 %	SD Curvature: 24.6 deg/mm
Comfort Factor: 95.1 %	Medullated Fibers: 37.0 %



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