



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 (OFDA100) Micron Test Report

AlpaSuri GbR/Barbara Bruns & Wolfgang Stamp
Elbuferstr. 12
21423 Winsen/Luhe Germany

07/29/19

Test No: 977047

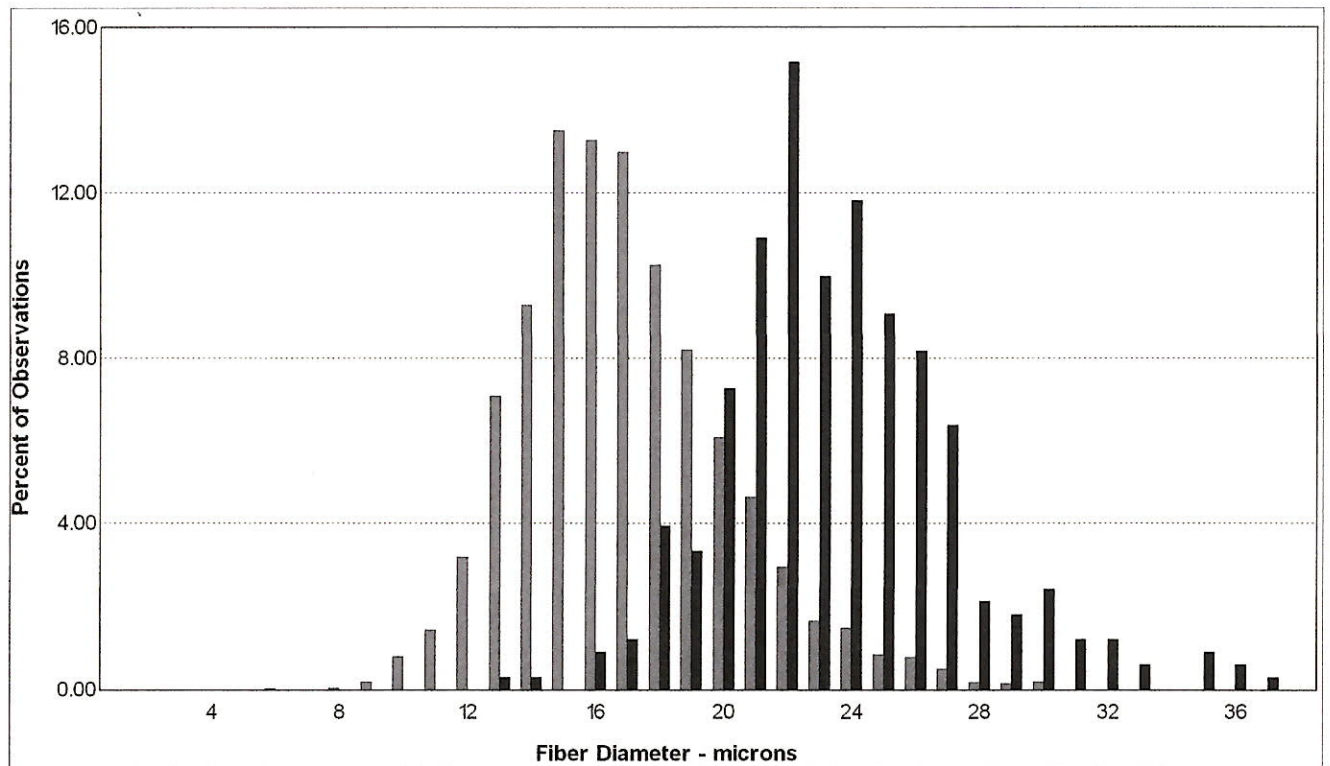
Animal and Sample Description

Animal Name: Legend
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Animal ID: 701BCE6
Sample Location: Mid Side
Sample Date: 04/28/19
Age: 12/01/12

Laboratory Data

Mean Fiber Diameter:	17.0 microns	Spin Fineness:	16.4 microns
Standard Deviation:	3.4 microns	Mean Curvature (deg/mm):	64.4
Coefficient of Variation:	20.0 %	SD Curvature (deg/mm):	40.8
Fibers Greater Than 30 microns:	0.3 %	Comfort Factor:	99.7 %
Medullated Fibers:	5.5 %		



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



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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

AlpaSuri GbR/Barbara Bruns & Wolfgang Stamp
Elbuferstr. 12
21423 Winsen/Luhe Germany

Date: 04/05/18

Test No: 957787

Animal and Sample Description

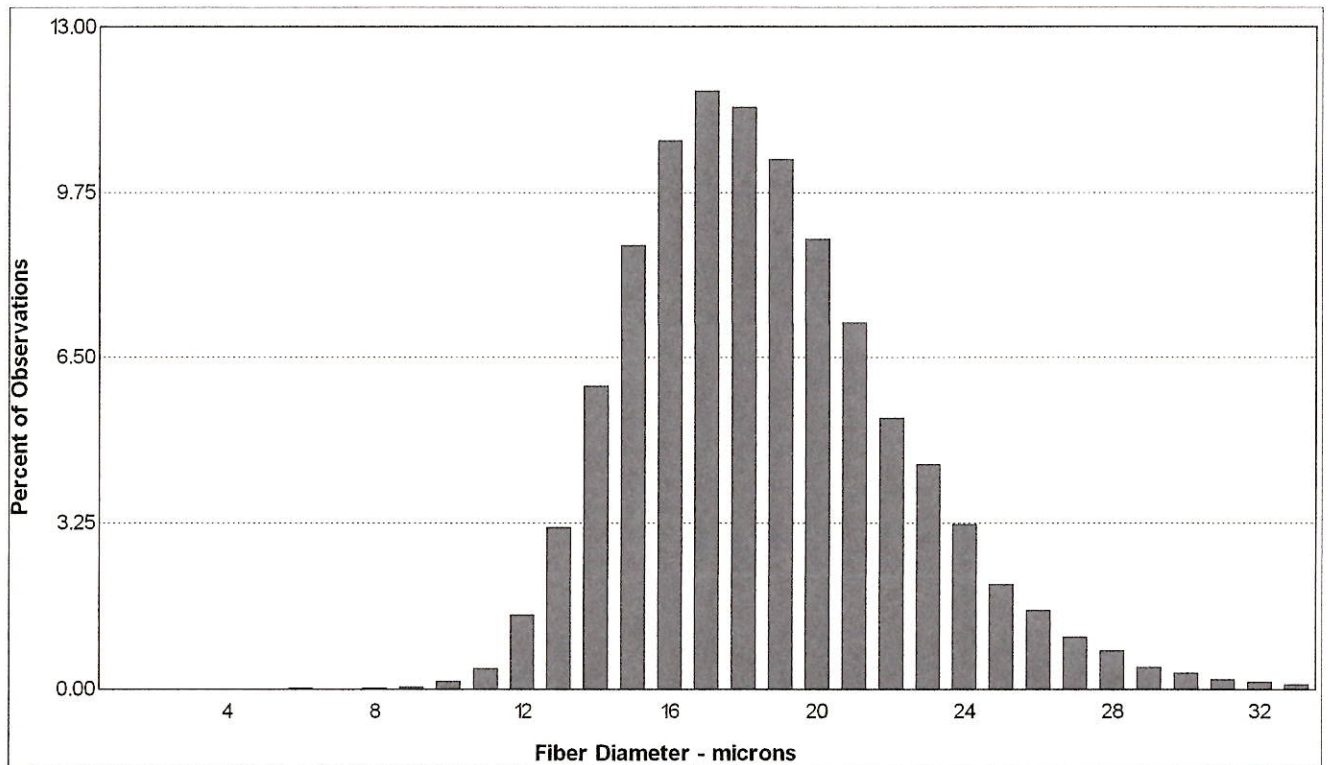
Animal Name: Legend (6537)
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Animal ID: 6537
Sample Location: Mid Side
Sample Date: 03/15/18
Age: 12/01/12

Laboratory Data

Mean Fiber Diameter: 18.6 microns
Standard Deviation: 3.7 microns
Coefficient of Variation: 20.1 %
Spin Fineness: 18.0 microns

Fibers Greater Than 30 microns: 0.6 %
Comfort Factor: 99.4 %
Mean Curvature: 41.7 deg/mm
SD Curvature: 24.6 deg/mm



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



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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Alpaka Zuchtverband Deutschland e.V./Mike Herrling
Annaberger Str. 88
09484 Oberwiesenthal Germany

Date: 05/30/17

Test No: 942559

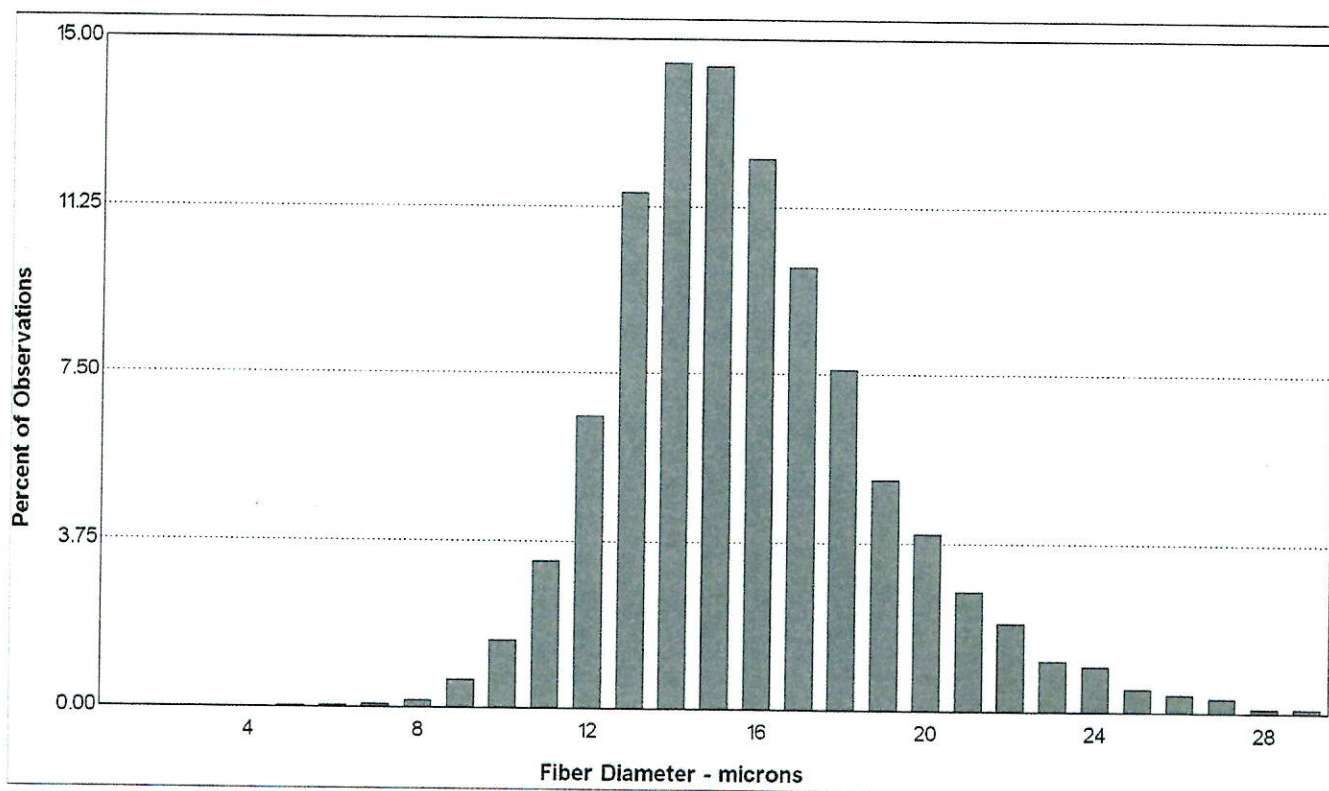
Animal and Sample Description

Animal Name: CL17 Legend 00070ABCE6
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Animal ID: 2017-03699
Sample Location: L Flank
Sample Date: 05/06/17
Age: 12/01/12

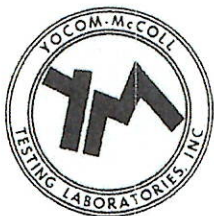
Laboratory Data

Mean Fiber Diameter:	15.8 microns	Fibers Greater Than 30 microns:	0.2 %
Standard Deviation:	3.3 microns	Comfort Factor:	99.8 %
Coefficient of Variation:	21.1 %	Mean Curvature:	63.3 deg/mm
Spin Fineness:	15.4 microns	SD Curvature:	48.1 deg/mm



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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

AlpaSuri GbR/Barbara Bruns & Wolfgang Stamp
Elbuferstr. 12
21423 Winsen/Luhe Germany

Date: 04/27/17

Test No: 940898

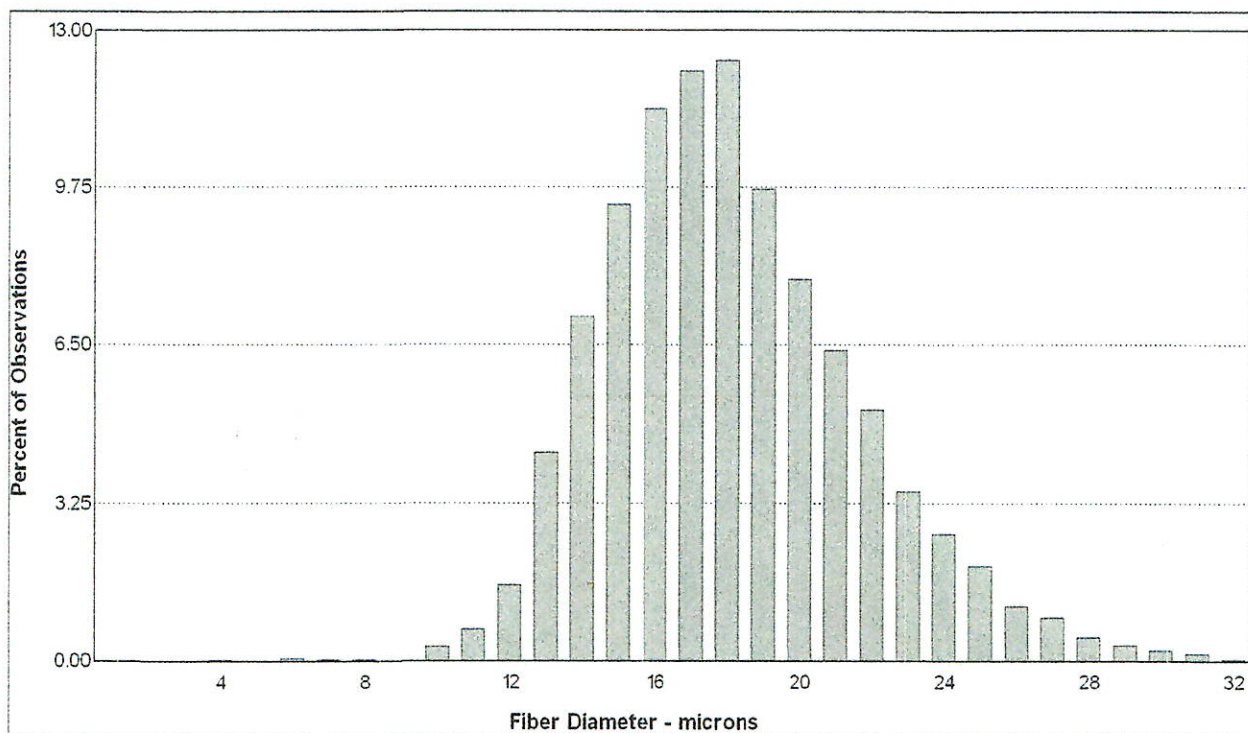
Animal and Sample Description

Animal Name: Qai Legend (6537)
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Animal ID: 701BCE6
Sample Location: Mid Side
Sample Date: 04/15/17
Age: 12/01/12

Laboratory Data

Mean Fiber Diameter:	18.2 microns	Fibers Greater Than 30 microns:	0.4 %
Standard Deviation:	3.6 microns	Comfort Factor:	99.6 %
Coefficient of Variation:	19.9 %	Mean Curvature:	42.9 deg/mm
Spin Fineness:	17.5 microns	SD Curvature:	31.4 deg/mm



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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

AlpaSuri GbR/Barbara Bruns & Wolfgang Stamp
Elbuserstr. 12
21423 Winsen/Luhe Germany

Date: 08/30/16

Test No: 932520

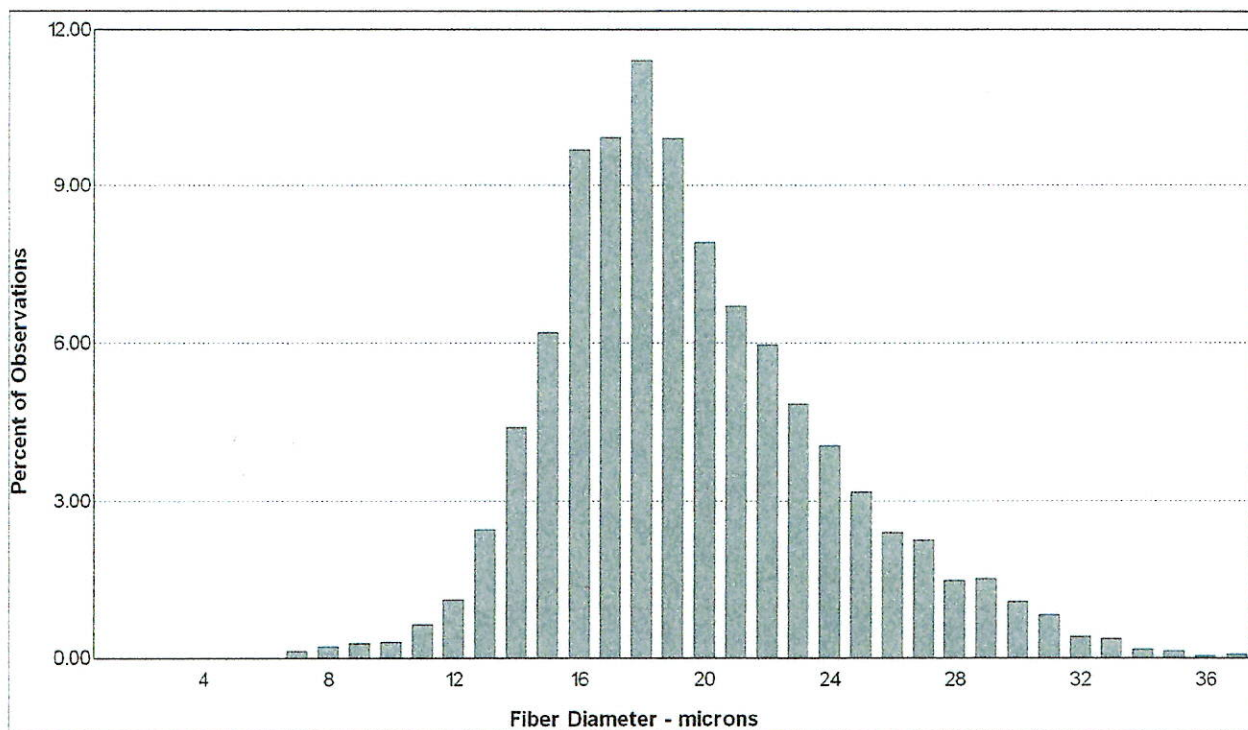
Animal and Sample Description

Animal Name: QAI Legend
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

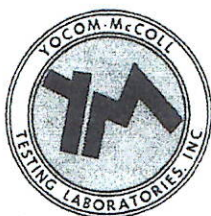
Animal ID: 6537
Sample Location: Blanket
Sample Date: 06/15/16
Age: 06/15/14

Laboratory Data

Mean Fiber Diameter:	19.6 microns	Fibers Greater Than 30 microns:	2.1 %
Standard Deviation:	4.6 microns	Comfort Factor:	97.9 %
Coefficient of Variation:	23.2 %	Mean Curvature:	55.4 deg/mm
Spin Fineness:	19.4 microns	SD Curvature:	43.7 deg/mm



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**Optical Fiber Diameter Analyser (OFDA100)
 Micron Test Report**

Quintessence, S.A./Maria Herlinda De La Garza
 La Estancilla Parcela No. 14 Casilla 73
 Llay Llay Chile

04/16/15

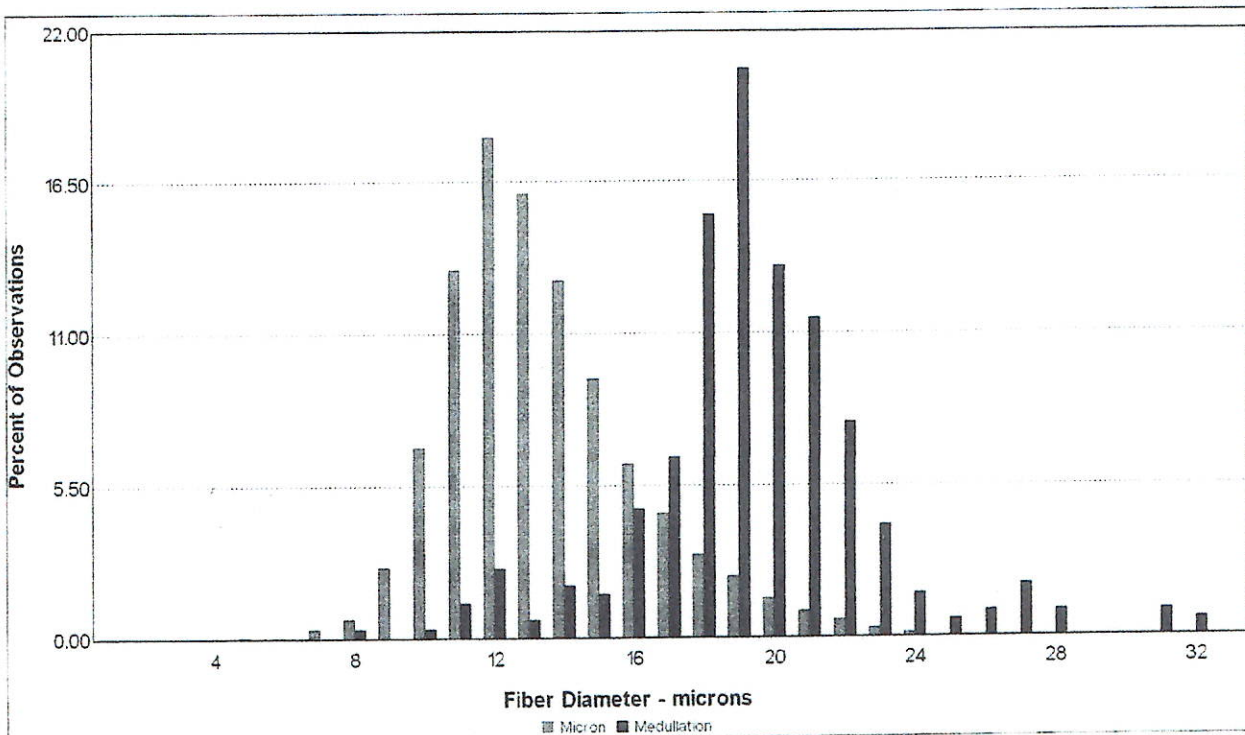
Test No: 498979

Animal and Sample Description

Animal Name: 6537	Animal ID: 6537
Breed: Alpaca(Huacaya)	Sample Location: Side
Sex: XXXXX <i>SP MALE</i>	Sample Date: 04/01/15
Color: White	Age: XXXXX

Laboratory Data

Mean Fiber Diameter: 13.5 microns	Spin Fineness: 13.1 microns
Standard Deviation: 2.9 microns	Mean Curvature (deg/mm): 67.4
Coefficient of Variation: 21.2 %	SD Curvature (deg/mm): 35.9
Fibers Greater Than 30 microns: 0.1 %	Comfort Factor: 99.9 %
Medullated Fibers: 5.2 %	



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