

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**

Royal Plush Alpaca Ranch/Loretta & Michael Green
19550 SW Butler Rd
Rose Hill KS 67133 USA

Date: 08/22/09
IAC No: 6285
Test No: 363334

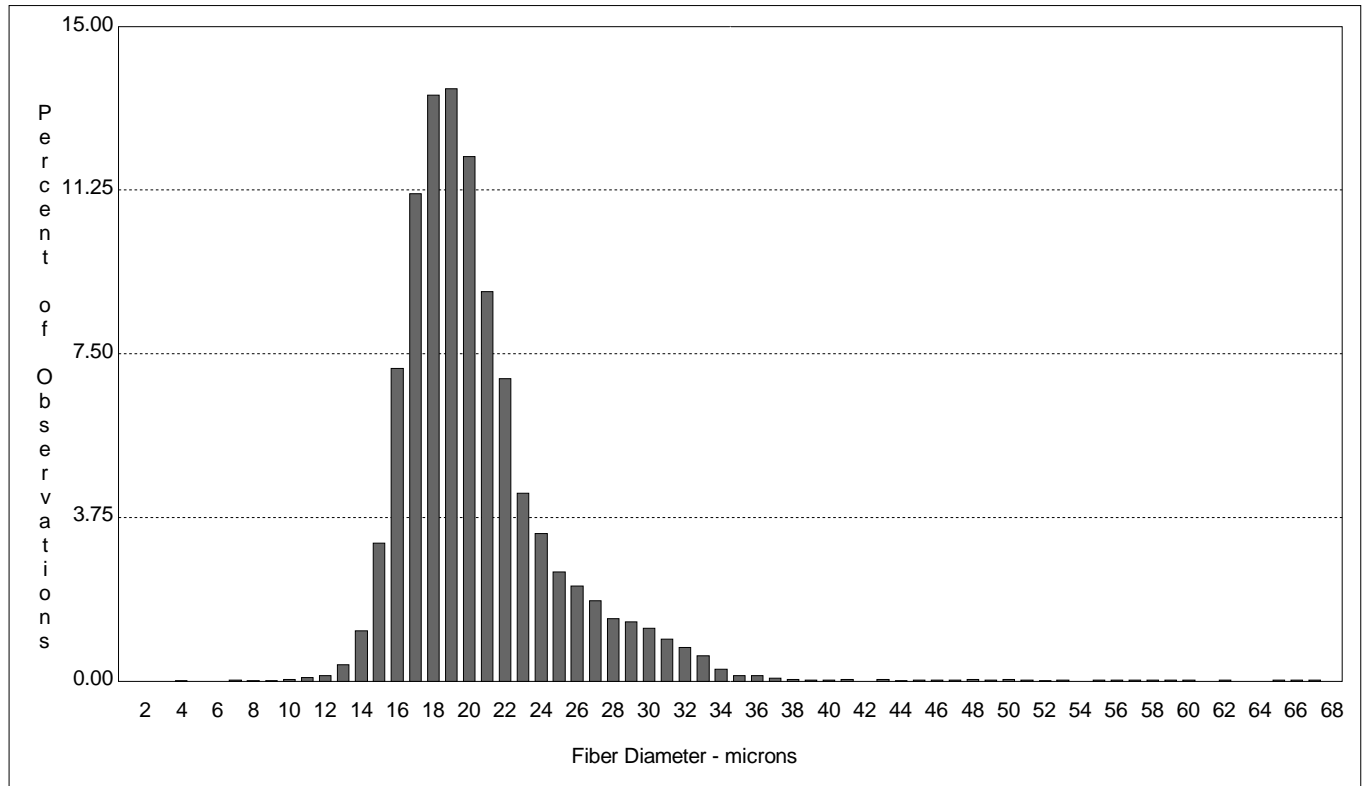
Animal and Sample Description

Animal Name: Napoleon's Harmony
Breed: Alpaca(Huacaya)
Sex: Female
Color: Dark Fawn

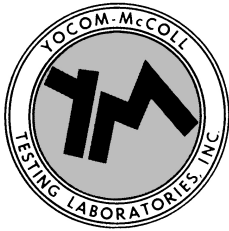
Animal ID: 31179478
Sample Location: Side
Sample Date: 04/30/09
Age: 9 Months

Laboratory Data

Mean Fiber Diameter:	20.5 microns	Mean Staple Length:	109.2 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	6.4 mm
Coefficient of Variation:	23.2 %	Length Coefficient of Variation:	5.9 %
Spin Fineness:	20.3 microns	Mean Curvature:	35.9 deg/mm
Fibers Greater Than 30 microns:	3.6 %	SD Curvature:	23.4 deg/mm
Comfort Factor:	96.4 %		



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



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Date: 08/22/09
IAC No: 6284
Test No: 363335

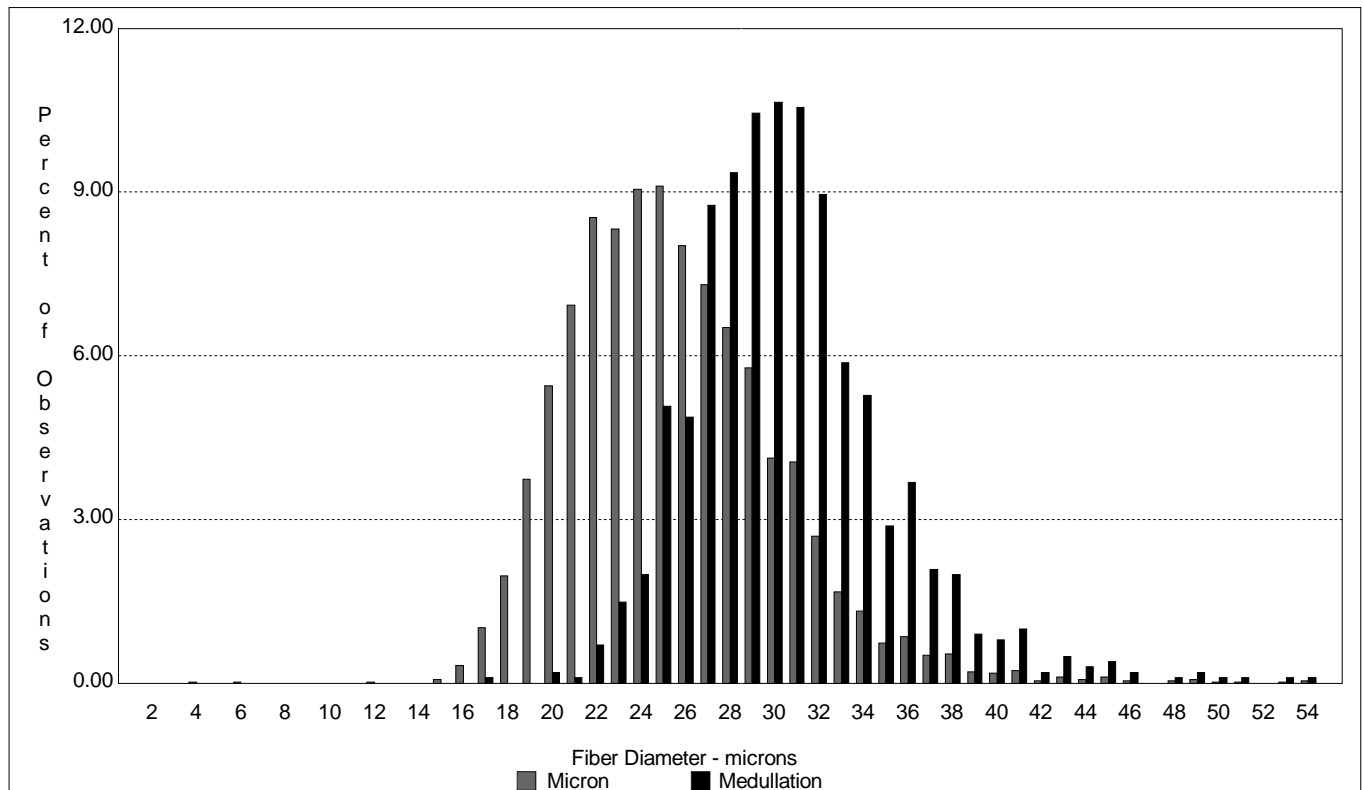
Animal and Sample Description

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

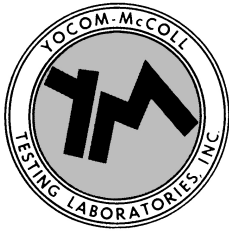
Animal ID: 1061239
Sample Location: Side
Sample Date: 04/30/09
Age: 4 Years

Laboratory Data

Mean Fiber Diameter:	25.5 microns	Mean Staple Length:	77.6 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	9.2 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	11.8 %
Spin Fineness:	24.4 microns	Mean Curvature:	34.5 deg/mm
Fibers Greater Than 30 microns:	13.6 %	SD Curvature:	21.7 deg/mm
Comfort Factor:	86.4 %	Medullated Fibers:	23.3 %



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 Micron Test Report**

Royal Plush Alpaca Ranch/Loretta & Michael Green
 19550 SW Butler Rd
 Rose Hill KS 67133 USA

Date: 08/22/09
IAC No: 6287
Test No: 363336

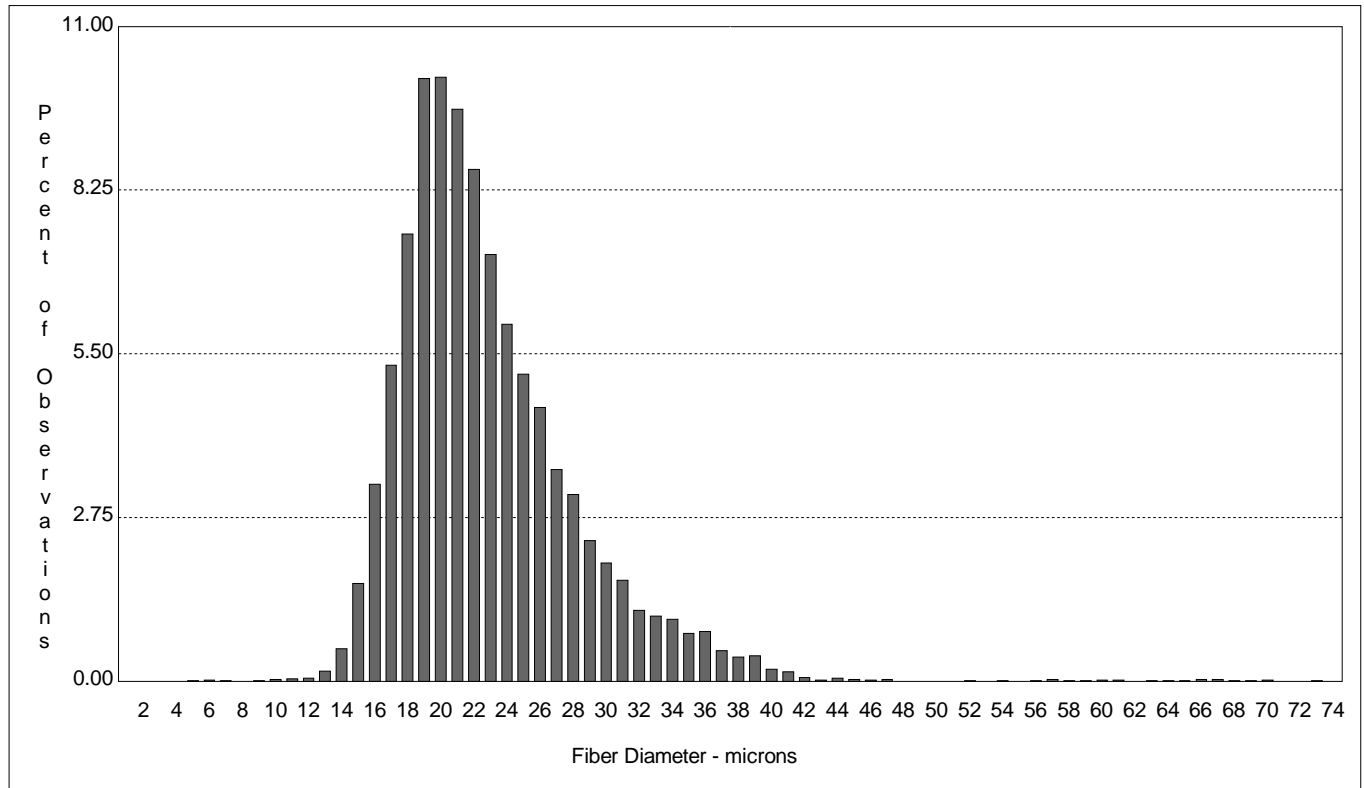
Animal and Sample Description

Animal Name: Napoleon's Piper
Breed: Alpaca(Huacaya)
Sex: Female
Color: True Black

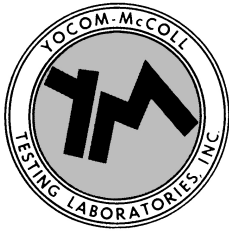
Animal ID: 31179393
Sample Location: Side
Sample Date: 04/30/09
Age: 11 Months

Laboratory Data

Mean Fiber Diameter:	22.8 microns	Mean Staple Length:	103.8 mm
Standard Deviation:	5.5 microns	Length Standard Deviation:	6.0 mm
Coefficient of Variation:	24.3 %	Length Coefficient of Variation:	5.8 %
Spin Fineness:	22.9 microns	Mean Curvature:	27.1 deg/mm
Fibers Greater Than 30 microns:	8.9 %	SD Curvature:	19.5 deg/mm
Comfort Factor:	91.1 %		



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 Micron Test Report**

Royal Plush Alpaca Ranch/Loretta & Michael Green
 19550 SW Butler Rd
 Rose Hill KS 67133 USA

Date: 08/22/09
IAC No: 6286
Test No: 363337

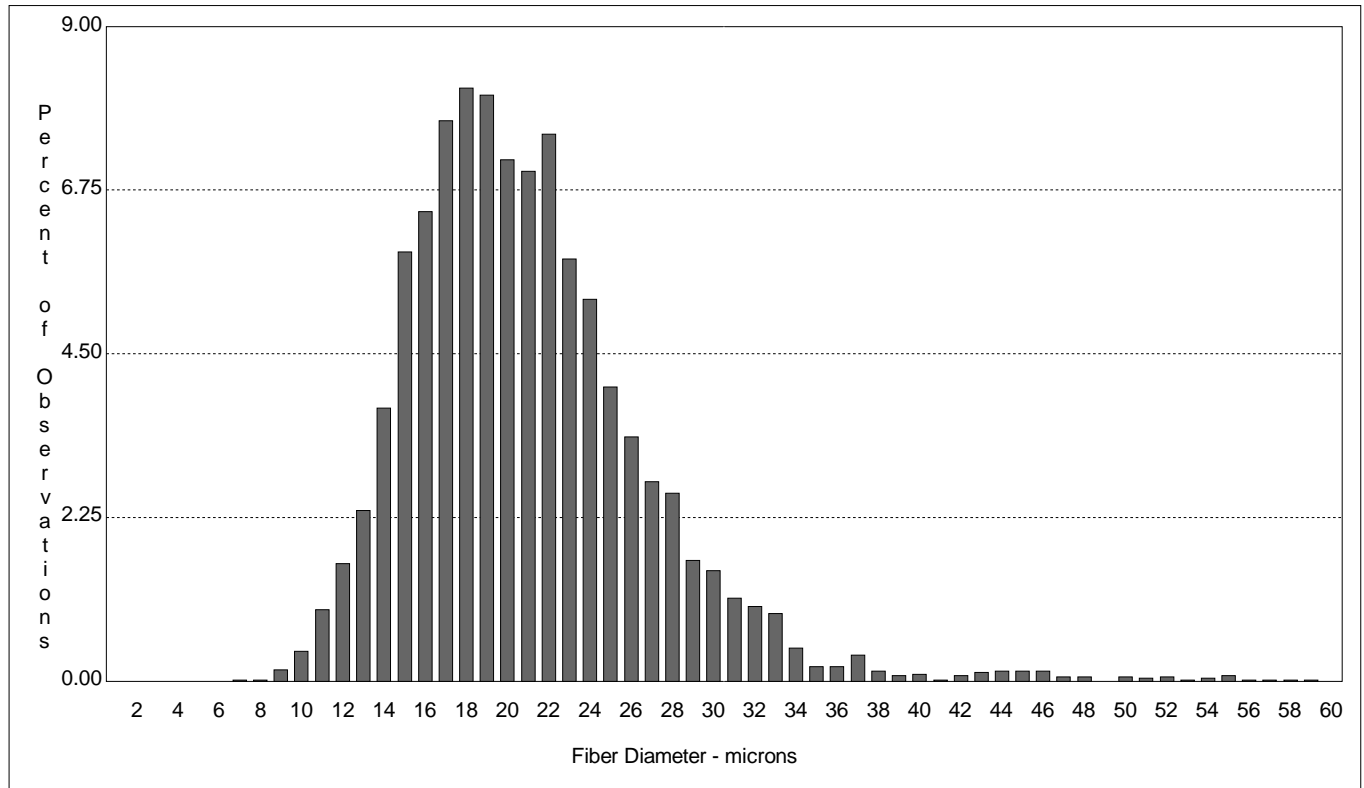
Animal and Sample Description

Animal Name: Napoleon's Paris
Breed: Alpaca(Huacaya)
Sex: Female
Color: Medium Fawn

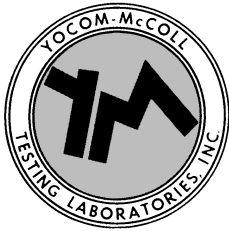
Animal ID: 31179201
Sample Location: Side
Sample Date: 05/21/09
Age: 4 Months

Laboratory Data

Mean Fiber Diameter:	20.9 microns	Mean Staple Length:	61.2 mm
Standard Deviation:	5.9 microns	Length Standard Deviation:	4.4 mm
Coefficient of Variation:	28.2 %	Length Coefficient of Variation:	7.2 %
Spin Fineness:	21.8 microns	Mean Curvature:	21.4 deg/mm
Fibers Greater Than 30 microns:	5.7 %	SD Curvature:	19.9 deg/mm
Comfort Factor:	94.3 %		



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 Micron Test Report**

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Date: 08/22/09
IAC No: 6288
Test No: 363338

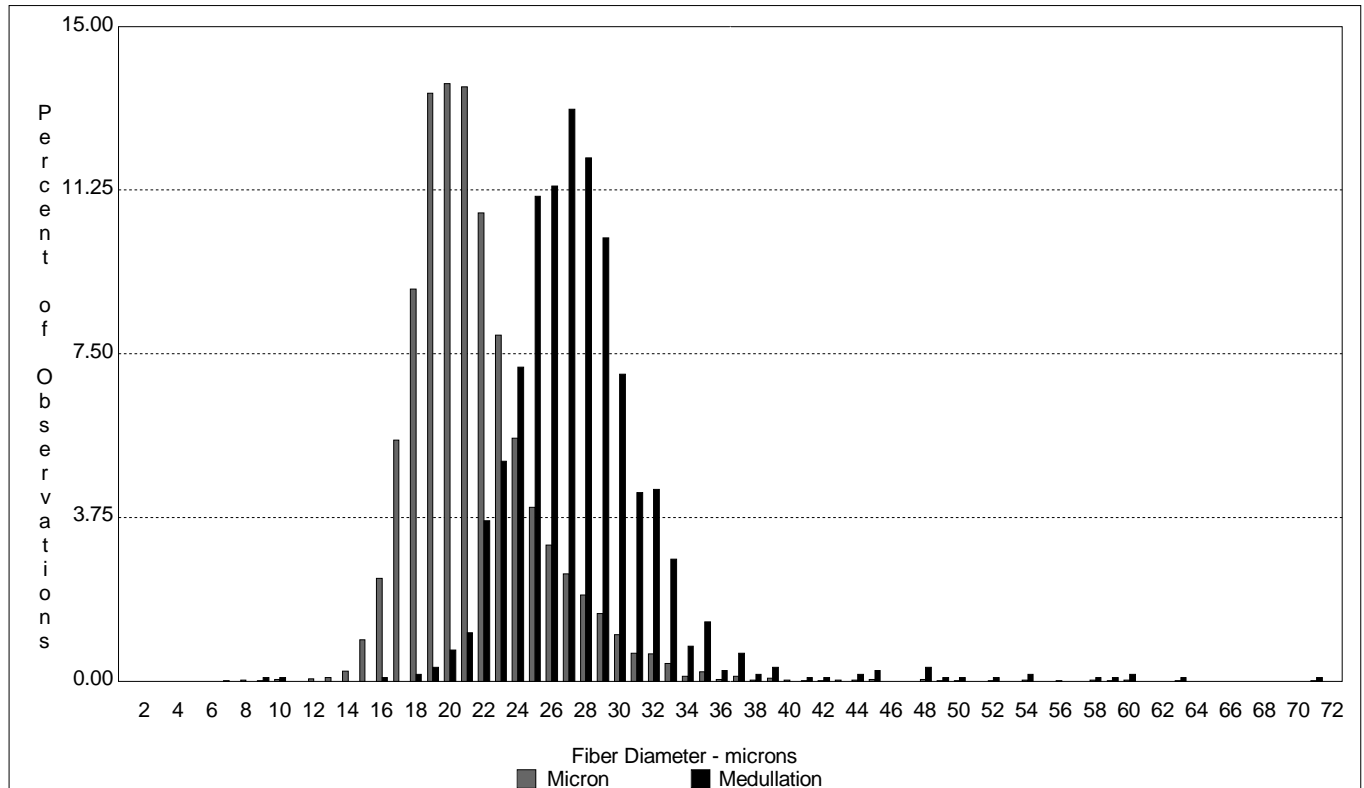
Animal and Sample Description

Animal Name: Napoleon's Sadie
Breed: Alpaca(Huacaya)
Sex: Female
Color: Light Fawn

Animal ID: 31179416
Sample Location: Side
Sample Date: 04/30/09
Age: 11 Months

Laboratory Data

Mean Fiber Diameter:	21.5 microns	Mean Staple Length:	124.8 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	5.9 mm
Coefficient of Variation:	18.4 %	Length Coefficient of Variation:	4.7 %
Spin Fineness:	20.5 microns	Mean Curvature:	32.6 deg/mm
Fibers Greater Than 30 microns:	2.6 %	SD Curvature:	20.0 deg/mm
Comfort Factor:	97.4 %	Medullated Fibers:	13.9 %



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