

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **ATHENA**

IAR Number : **250809**  
Micron Deviation : **-0.4 mic**  
>30 : **15.5 %**

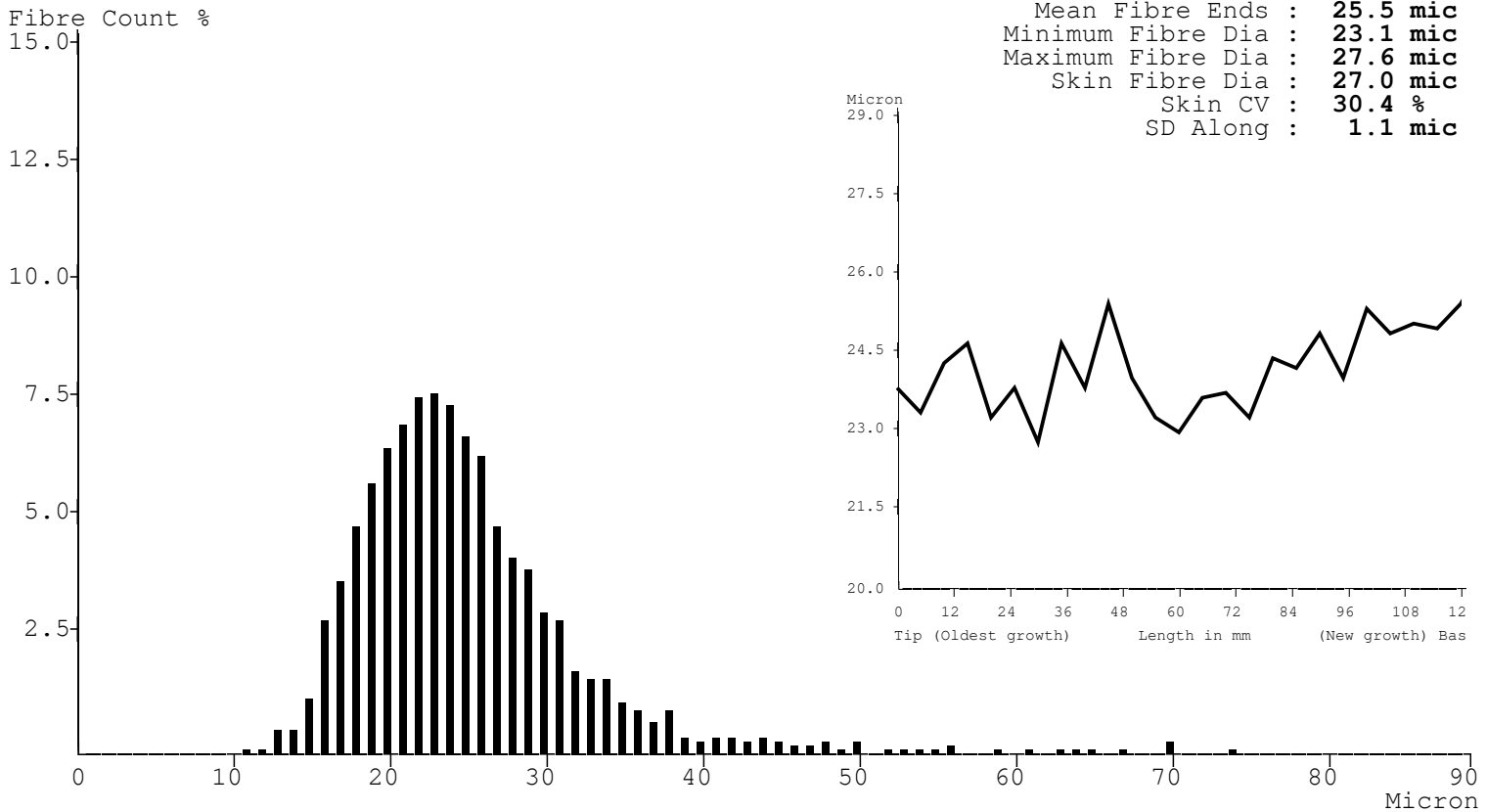
Micron : **25.0 mic**  
SD : **7.3 mic**  
CV : **29.1 %**  
CE : **5.9 %**  
SF : **26.3 mic**  
CF : **84.5 %**  
CRV : **15.0 Deg/mm**  
SDC : **15.7 Deg/mm**

Total Fibres counted : 4331

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **30.0 mm**  
Mean Fibre Ends : **25.5 mic**  
Minimum Fibre Dia : **23.1 mic**  
Maximum Fibre Dia : **27.6 mic**  
Skin Fibre Dia : **27.0 mic**  
Skin CV : **30.4 %**  
SD Along : **1.1 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **AVATAR**

IAR Number : **250805**

>30 : **19.6 %**

Micron : **25.4 mic**

SD : **7.9 mic**

CV : **31.1 %**

CE : **8.7 %**

SF : **27.3 mic**

CF : **80.4 %**

CRV : **14.3 Deg/mm**

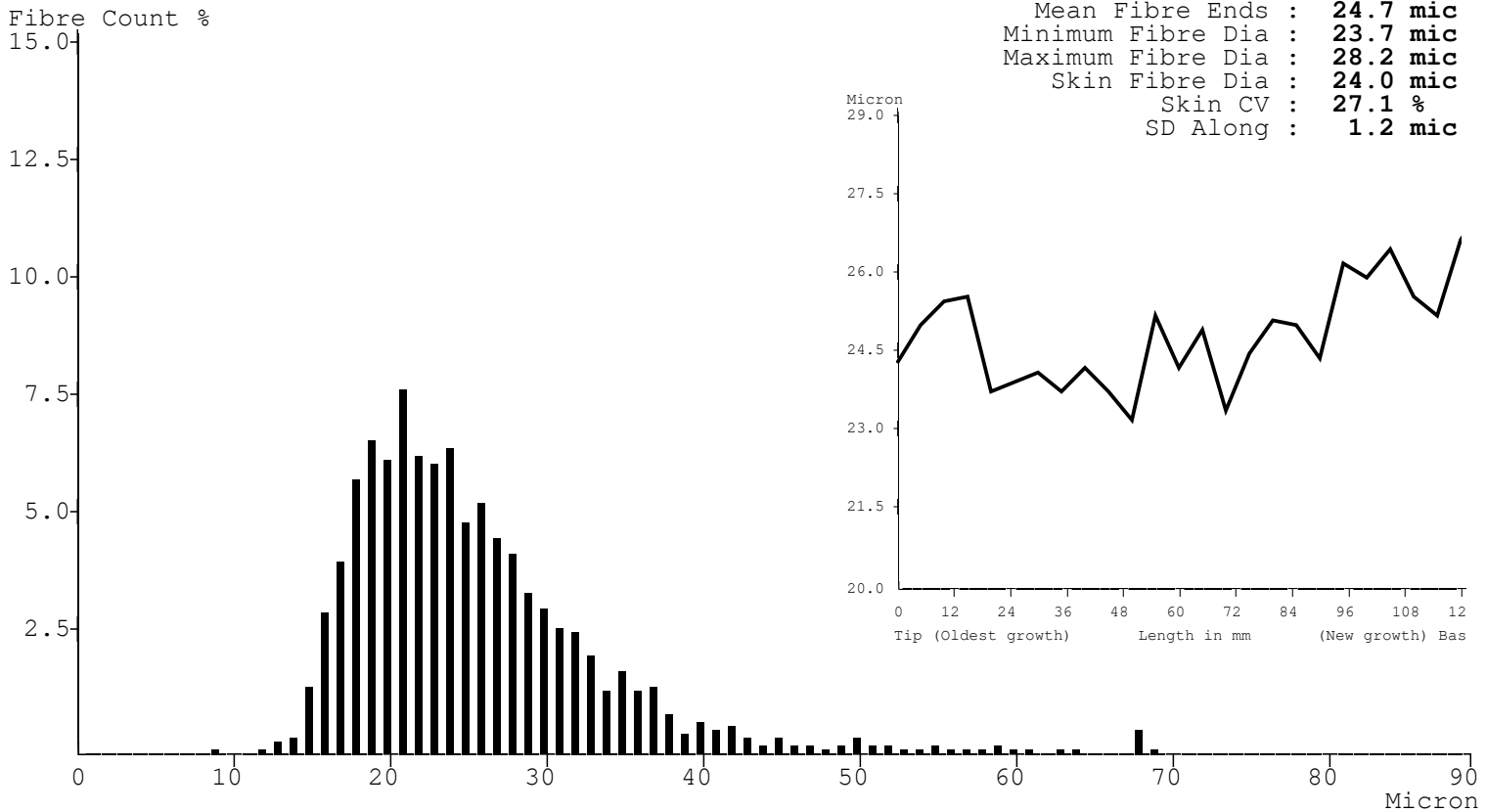
SDC : **16.5 Deg/mm**

Total Fibres counted : 4369

OFDA2000 Alpaca Calibration : Trim High OFF  
GCF @ 20 um : 0.6 um

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **50.0 mm**  
Mean Fibre Ends : **24.7 mic**  
Minimum Fibre Dia : **23.7 mic**  
Maximum Fibre Dia : **28.2 mic**  
Skin Fibre Dia : **24.0 mic**  
Skin CV : **27.1 %**  
SD Along : **1.2 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **BILLY**

IAR Number : **243433**  
Micron Deviation : **+1.4 mic**  
>30 : **22.2 %**

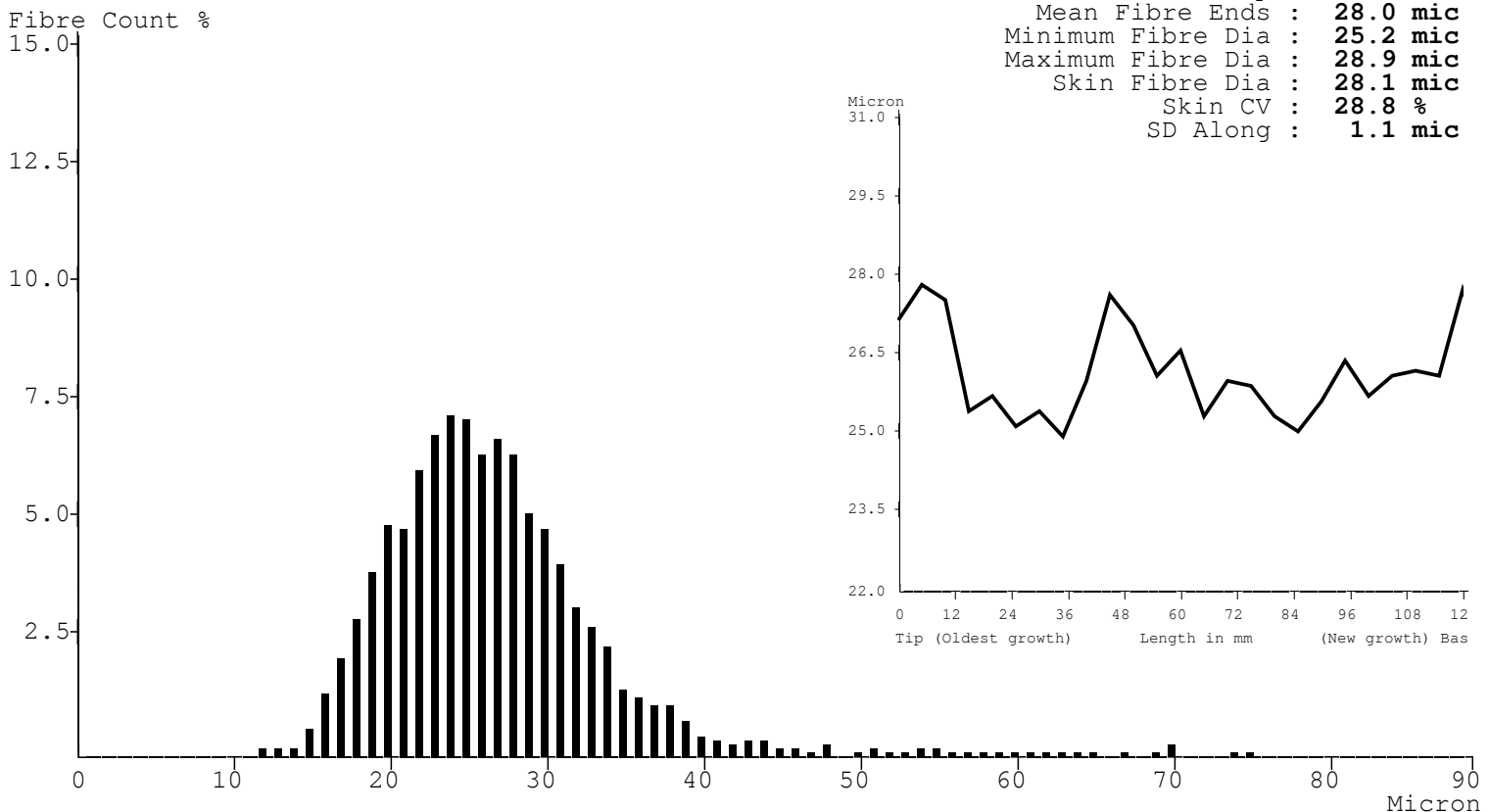
Micron : **26.8 mic**  
SD : **7.4 mic**  
CV : **27.6 %**  
CE : **6.2 %**  
SF : **27.7 mic**  
CF : **77.8 %**  
CRV : **12.9 Deg/mm**  
SDC : **16.2 Deg/mm**

Total Fibres counted : 4593

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **150.0 mm**  
Finest Point From Tip : **35.0 mm**  
Mean Fibre Ends : **28.0 mic**  
Minimum Fibre Dia : **25.2 mic**  
Maximum Fibre Dia : **28.9 mic**  
Skin Fibre Dia : **28.1 mic**  
Skin CV : **28.8 %**  
SD Along : **1.1 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **CHAMELEON**

IAR Number : **236414**  
Micron Deviation : **-0.2 mic**  
>30 : **15.2 %**

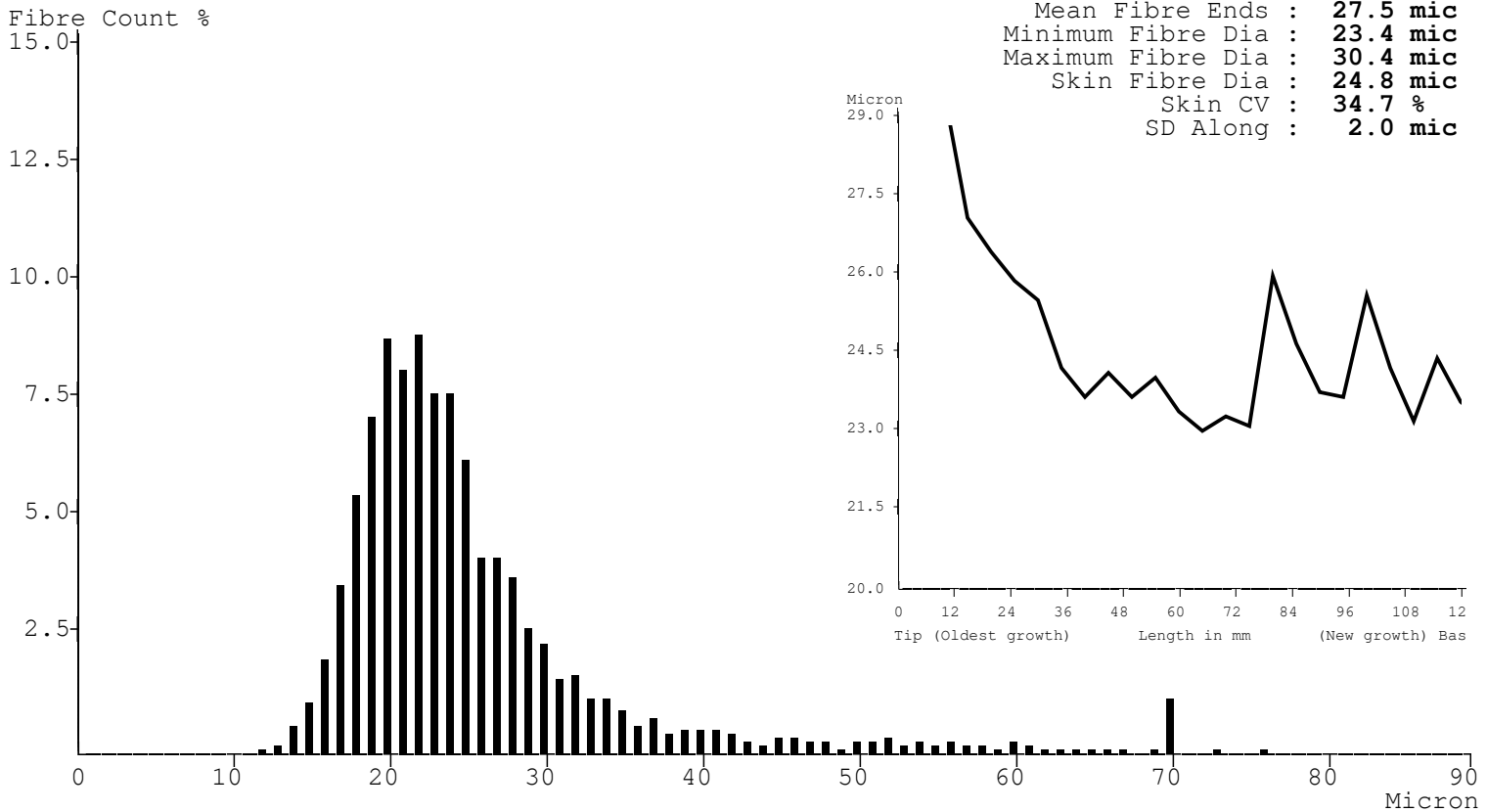
Micron : **25.2 mic**  
SD : **8.8 mic**  
CV : **34.7 %**  
CE : **8.6 %**  
SF : **28.1 mic**  
CF : **84.8 %**  
CRV : **15.1 Deg/mm**  
SDC : **15.9 Deg/mm**

Total Fibres counted : 5069

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **65.0 mm**  
Mean Fibre Ends : **27.5 mic**  
Minimum Fibre Dia : **23.4 mic**  
Maximum Fibre Dia : **30.4 mic**  
Skin Fibre Dia : **24.8 mic**  
Skin CV : **34.7 %**  
SD Along : **2.0 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **CINNAMON**

IAR Number : **236419**  
Micron Deviation : **-4.5 mic**  
>30 : **6.1 %**

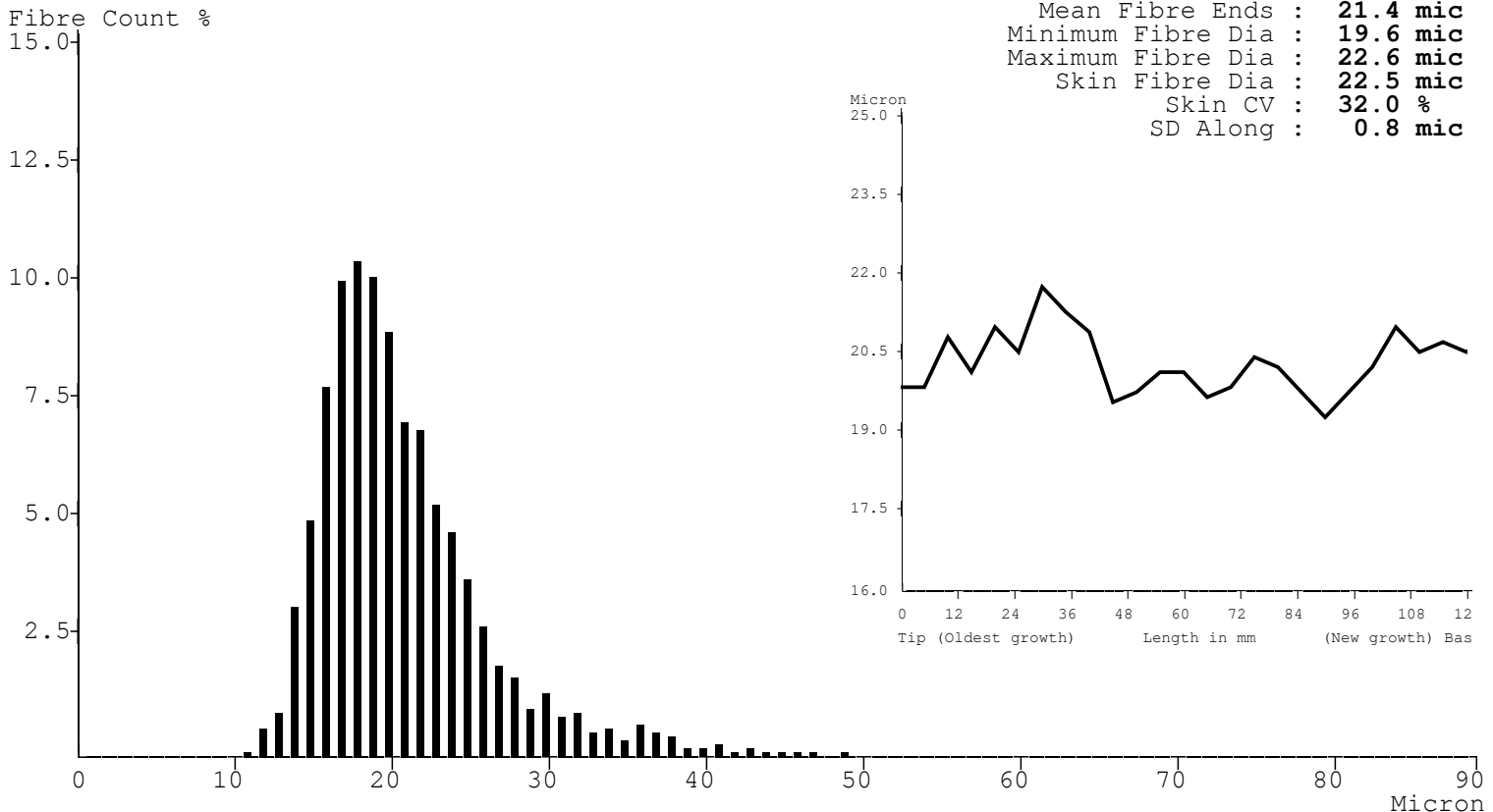
Micron : **20.9 mic**  
SD : **5.6 mic**  
CV : **26.9 %**  
CE : **5.4 %**  
SF : **21.5 mic**  
CF : **93.9 %**  
CRV : **18.1 Deg/mm**  
SDC : **21.3 Deg/mm**

Total Fibres counted : 4003

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **155.0 mm**  
Finest Point From Tip : **90.0 mm**  
Mean Fibre Ends : **21.4 mic**  
Minimum Fibre Dia : **19.6 mic**  
Maximum Fibre Dia : **22.6 mic**  
Skin Fibre Dia : **22.5 mic**  
Skin CV : **32.0 %**  
SD Along : **0.8 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client  
 Jeneric Farms  
 1511 Cawongla Road  
 Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man  
 Our Phone (08)94181733  
 P.O. Box 1423  
 Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **DREAMBELL**

IAR Number : **250803**  
 Micron Deviation : **+1.0 mic**  
 >30 : **19.2 %**

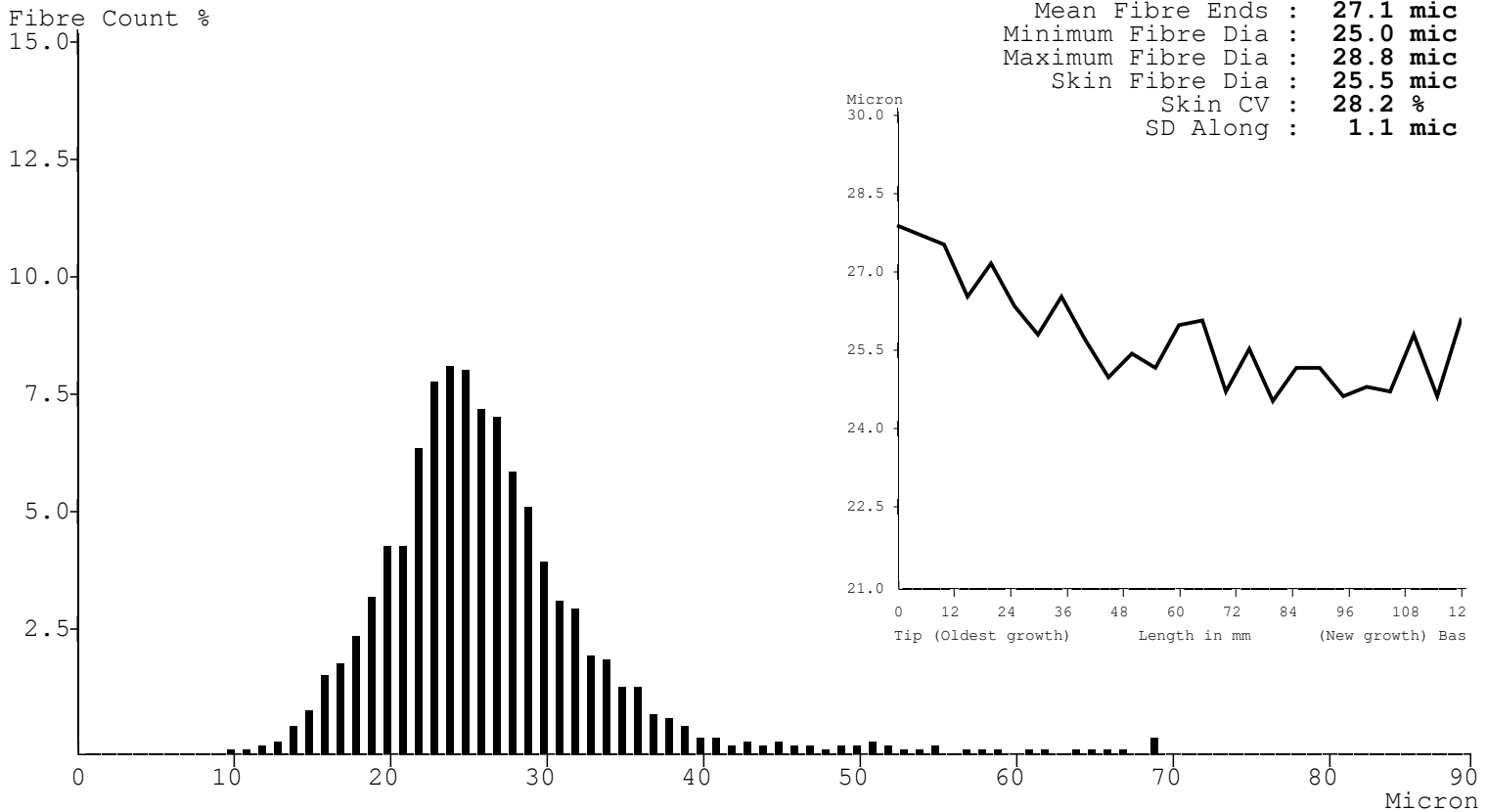
Micron : **26.4 mic**  
 SD : **7.1 mic**  
 CV : **26.9 %**  
 CE : **5.6 %**  
 SF : **27.1 mic**  
 CF : **80.8 %**  
 CRV : **12.9 Deg/mm**  
 SDC : **15.7 Deg/mm**

Total Fibres counted : 6342

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

### Micron Profile Graph

Staple Length : **160.0 mm**  
 Finest Point From Tip : **155.0 mm**  
 Mean Fibre Ends : **27.1 mic**  
 Minimum Fibre Dia : **25.0 mic**  
 Maximum Fibre Dia : **28.8 mic**  
 Skin Fibre Dia : **25.5 mic**  
 Skin CV : **28.2 %**  
 SD Along : **1.1 mic**



#### EXPLANATION OF TERMS

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Contact :- Micron Man

Our Phone (08)94181733

P.O. Box 1423

Bibra Lake W.A. 6965

Name : **EMMA TOO**

IAR Number : **236401**  
Micron Deviation : **+10.3 mic**  
>30 : **59.3 %**

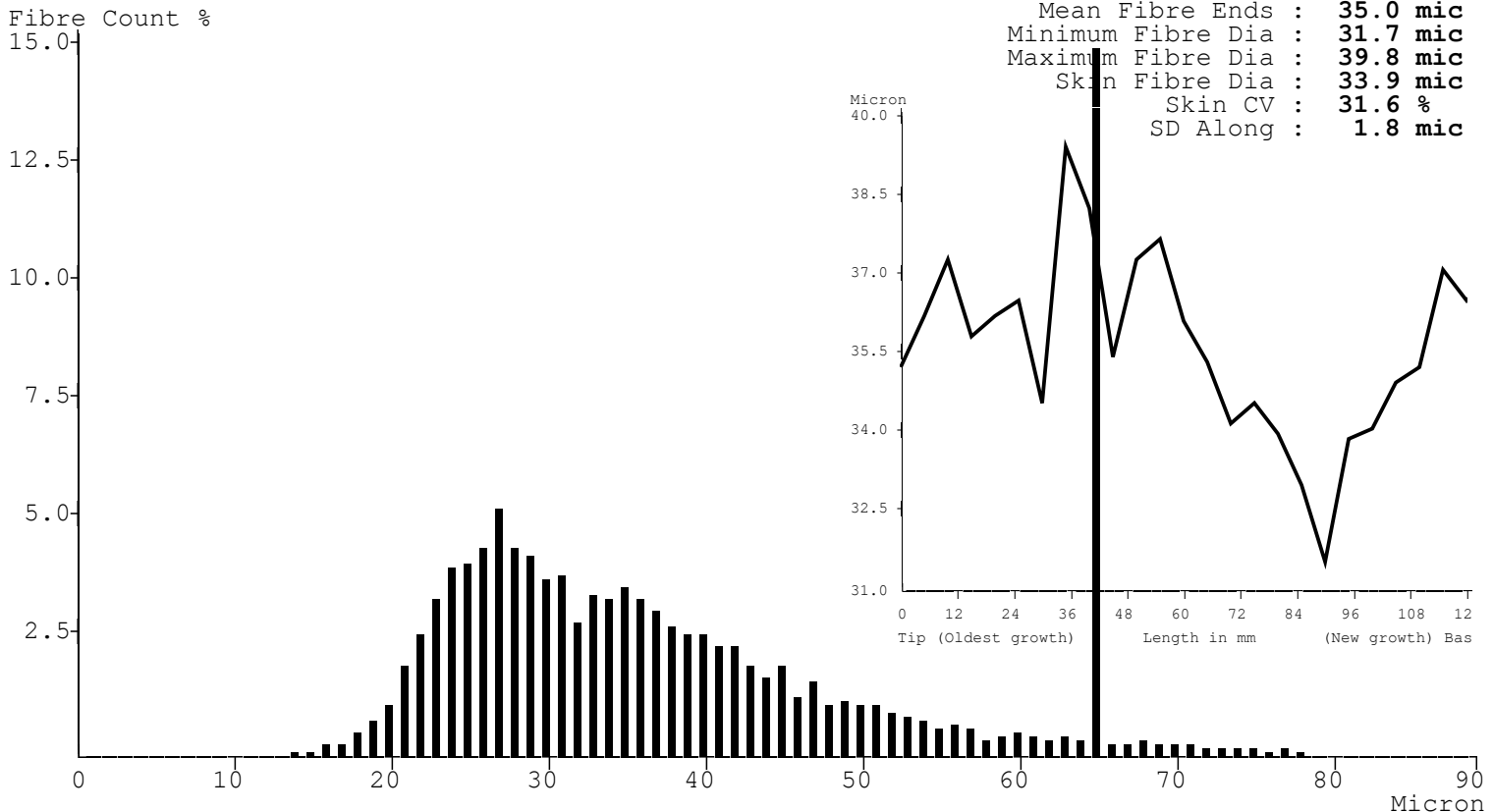
Micron : **35.7 mic**  
SD : **11.9 mic**  
CV : **33.2 %**  
CE : **16.9 %**  
SF : **39.2 mic**  
CF : **40.7 %**  
CRV : **11.3 Deg/mm**  
SDC : **11.4 Deg/mm**

Total Fibres counted : 4555

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **140.0 mm**  
Finest Point From Tip : **90.0 mm**  
Mean Fibre Ends : **35.0 mic**  
Minimum Fibre Dia : **31.7 mic**  
Maximum Fibre Dia : **39.8 mic**  
Skin Fibre Dia : **33.9 mic**  
Skin CV : **31.6 %**  
SD Along : **1.8 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **FAIRYLIGHT**

IAR Number : **236418**  
Micron Deviation : **-1.2 mic**  
>30 : **9.6 %**

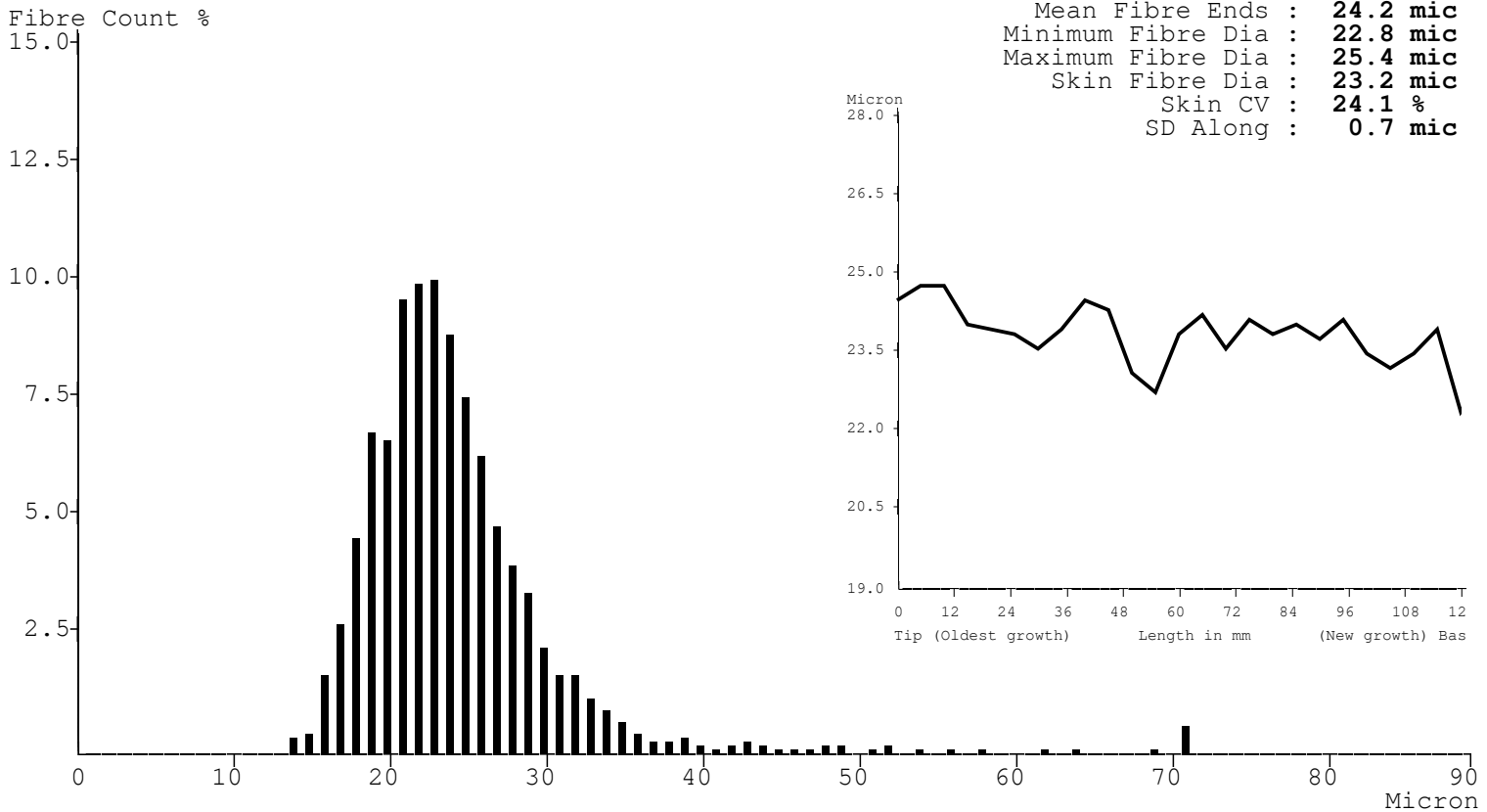
Micron : **24.2 mic**  
SD : **6.1 mic**  
CV : **25.0 %**  
CE : **4.0 %**  
SF : **24.4 mic**  
CF : **90.4 %**  
CRV : **13.7 Deg/mm**  
SDC : **16.4 Deg/mm**

Total Fibres counted : 5338

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **130.0 mm**  
Finest Point From Tip : **120.0 mm**  
Mean Fibre Ends : **24.2 mic**  
Minimum Fibre Dia : **22.8 mic**  
Maximum Fibre Dia : **25.4 mic**  
Skin Fibre Dia : **23.2 mic**  
Skin CV : **24.1 %**  
SD Along : **0.7 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.



## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **FLAVIA**

IAR Number : **169532**  
Micron Deviation : **+3.1 mic**  
>30 : **28.2 %**

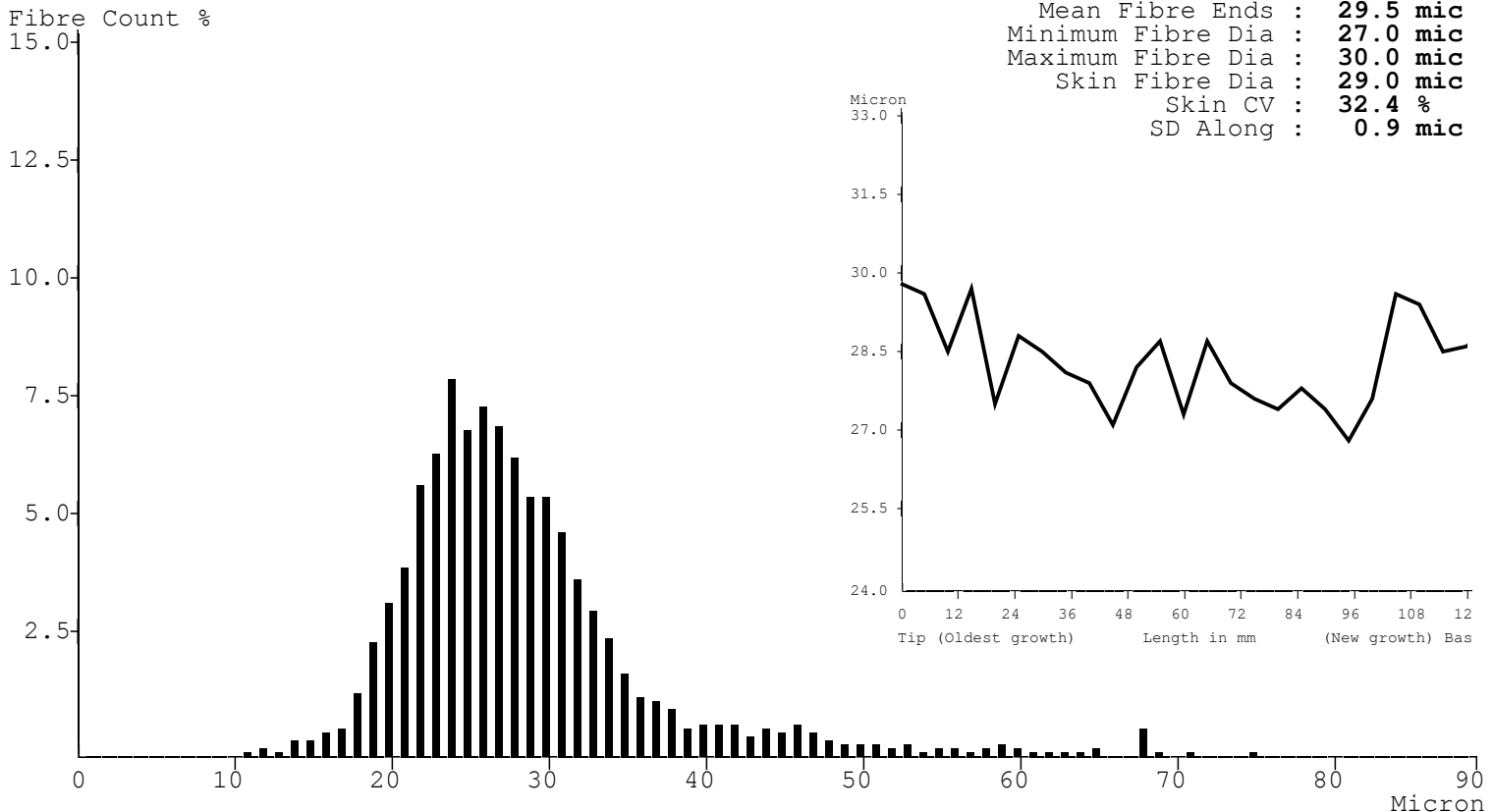
Micron : **28.5 mic**  
SD : **8.2 mic**  
CV : **28.9 %**  
CE : **8.7 %**  
SF : **29.9 mic**  
CF : **71.8 %**  
CRV : **13.4 Deg/mm**  
SDC : **16.3 Deg/mm**

Total Fibres counted : 4048

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **130.0 mm**  
Finest Point From Tip : **95.0 mm**  
Mean Fibre Ends : **29.5 mic**  
Minimum Fibre Dia : **27.0 mic**  
Maximum Fibre Dia : **30.0 mic**  
Skin Fibre Dia : **29.0 mic**  
Skin CV : **32.4 %**  
SD Along : **0.9 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client  
 Jeneric Farms  
 1511 Cawongla Road  
 Larnook NSW 2480

Date Sample Taken -

Contact :- Micron Man  
 Our Phone (08)94181733  
 P.O. Box 1423  
 Bibra Lake W.A. 6965

Group ID. JFI

Test No. JNF21075

Wool Growth - 12 months

Age at Sample Date - months

Name : **GOLD DUST**

IAR Number : **250806**  
 Micron Deviation : **-0.5 mic**  
 >30 : **13.5 %**

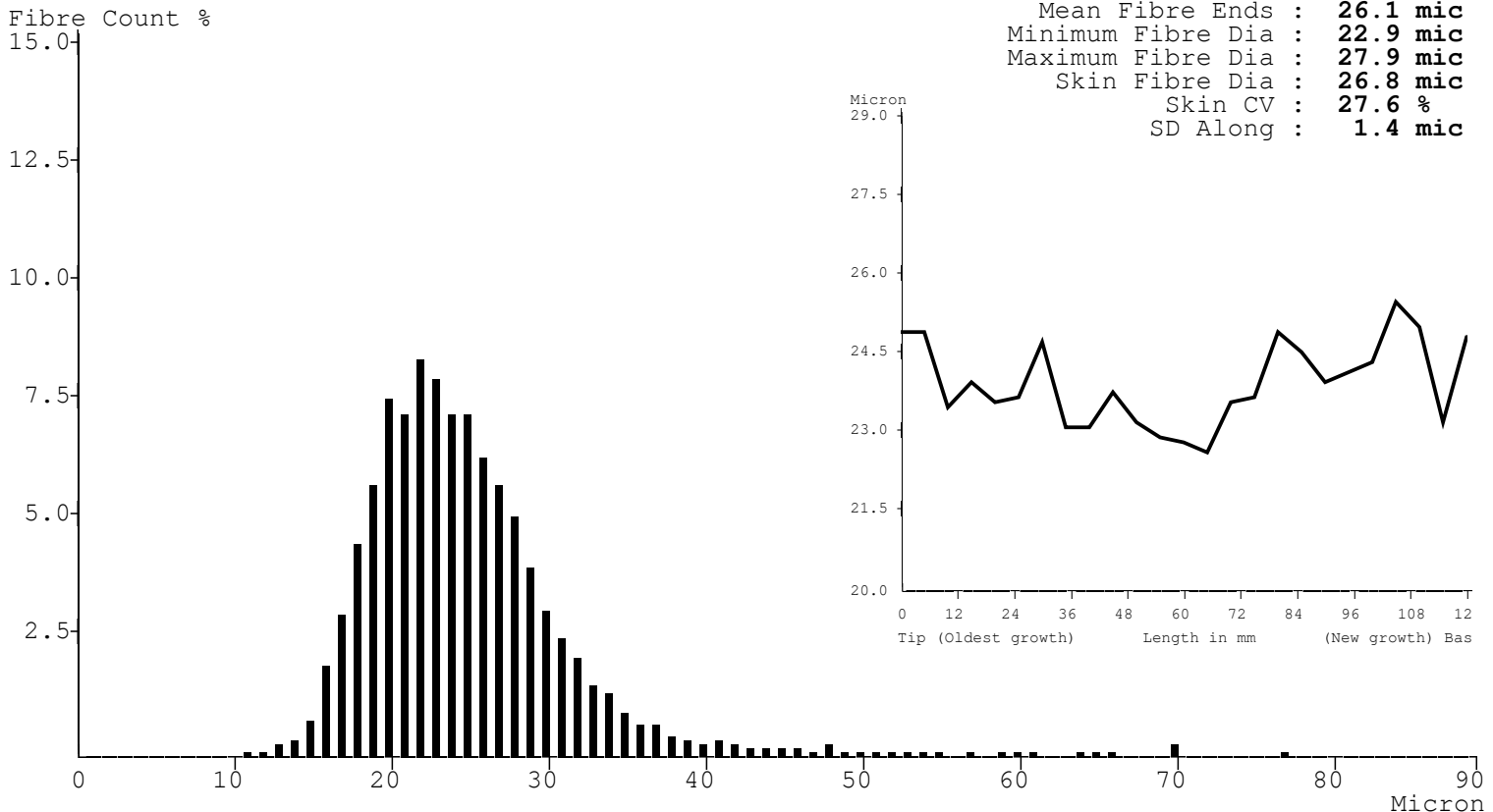
Micron : **24.9 mic**  
 SD : **6.8 mic**  
 CV : **27.2 %**  
 CE : **5.2 %**  
 SF : **25.7 mic**  
 CF : **86.5 %**  
 CRV : **14.5 Deg/mm**  
 SDC : **19.7 Deg/mm**

Total Fibres counted : 4521

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

### Micron Profile Graph

Staple Length : **160.0 mm**  
 Finest Point From Tip : **65.0 mm**  
 Mean Fibre Ends : **26.1 mic**  
 Minimum Fibre Dia : **22.9 mic**  
 Maximum Fibre Dia : **27.9 mic**  
 Skin Fibre Dia : **26.8 mic**  
 Skin CV : **27.6 %**  
 SD Along : **1.4 mic**



#### EXPLANATION OF TERMS

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **JESSE**

IAR Number : **250801**  
Micron Deviation : **-2.3 mic**  
>30 : **7.5 %**

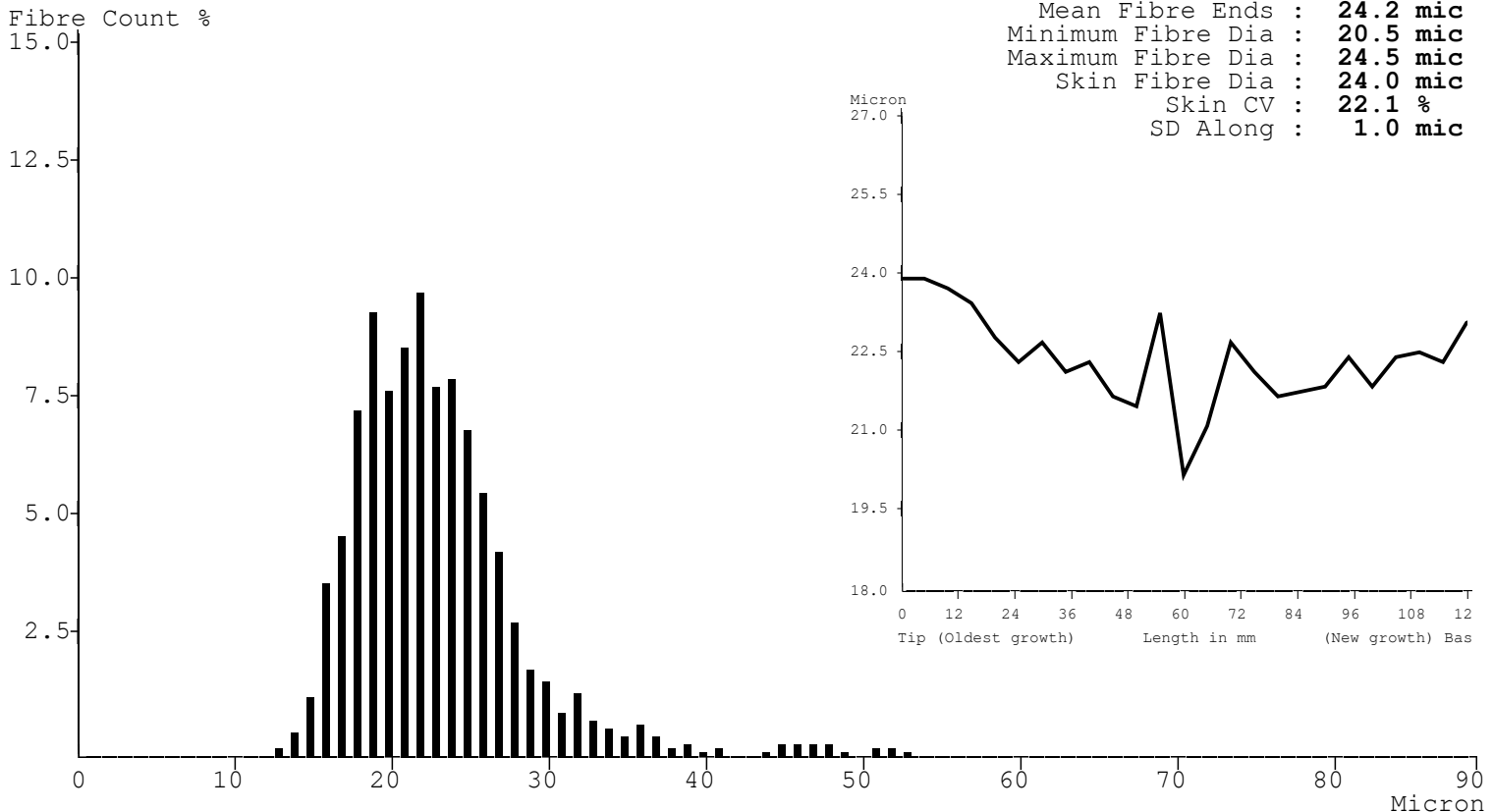
Micron : **23.1 mic**  
SD : **5.8 mic**  
CV : **25.2 %**  
CE : **4.4 %**  
SF : **23.4 mic**  
CF : **92.5 %**  
CRV : **19.0 Deg/mm**  
SDC : **22.0 Deg/mm**

Total Fibres counted : 2867

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **60.0 mm**  
Mean Fibre Ends : **24.2 mic**  
Minimum Fibre Dia : **20.5 mic**  
Maximum Fibre Dia : **24.5 mic**  
Skin Fibre Dia : **24.0 mic**  
Skin CV : **22.1 %**  
SD Along : **1.0 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **JUDY GIRL**

IAR Number : **250807**  
Micron Deviation : **-2.2 mic**  
>30 : **7.1 %**

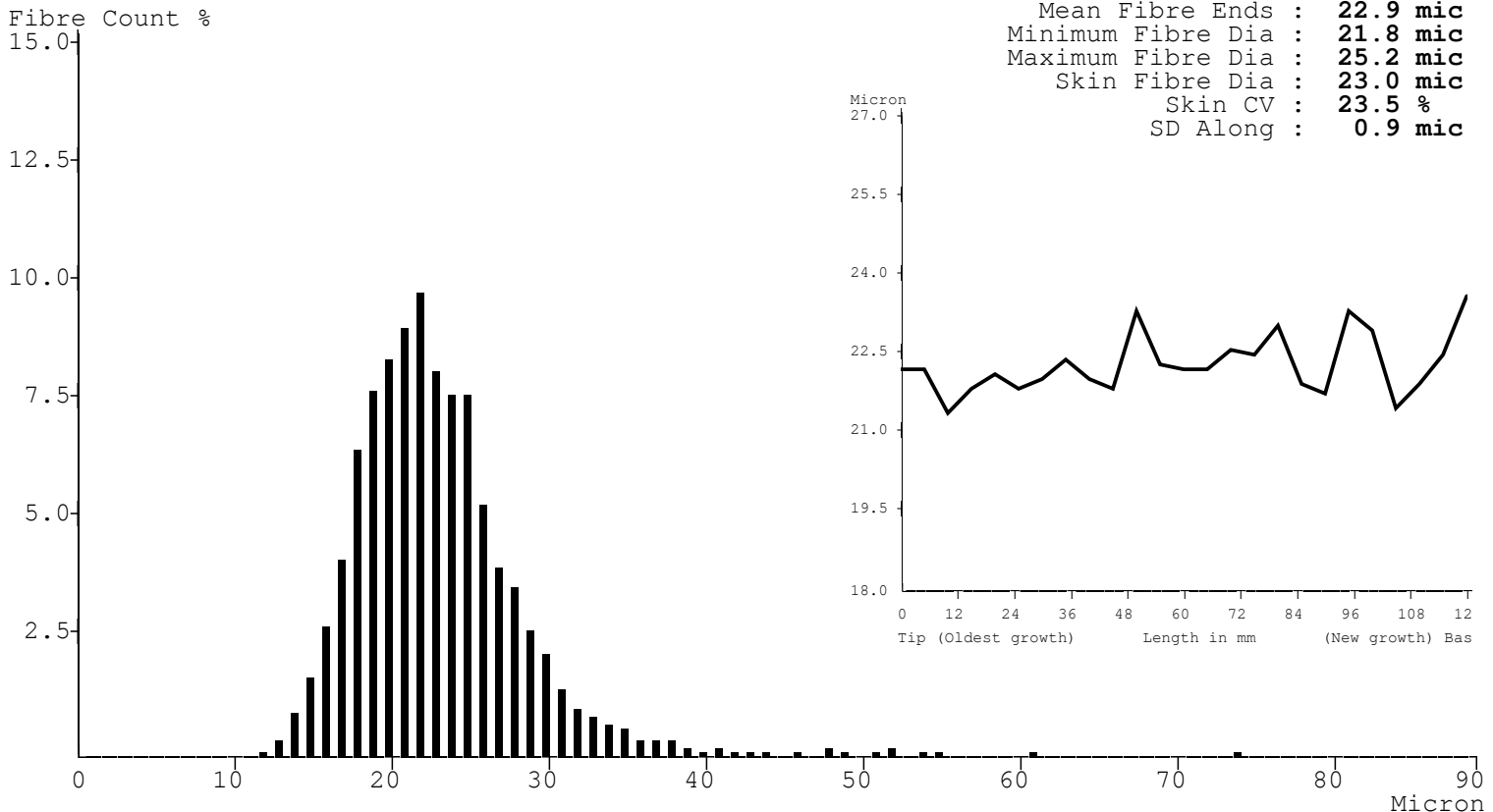
Micron : **23.2 mic**  
SD : **5.6 mic**  
CV : **24.3 %**  
CE : **3.8 %**  
SF : **23.3 mic**  
CF : **92.9 %**  
CRV : **17.6 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 3877

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **10.0 mm**  
Mean Fibre Ends : **22.9 mic**  
Minimum Fibre Dia : **21.8 mic**  
Maximum Fibre Dia : **25.2 mic**  
Skin Fibre Dia : **23.0 mic**  
Skin CV : **23.5 %**  
SD Along : **0.9 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **KIRSTY**

IAR Number : **243432**  
Micron Deviation : **+3.0 mic**  
>30 : **33.9 %**

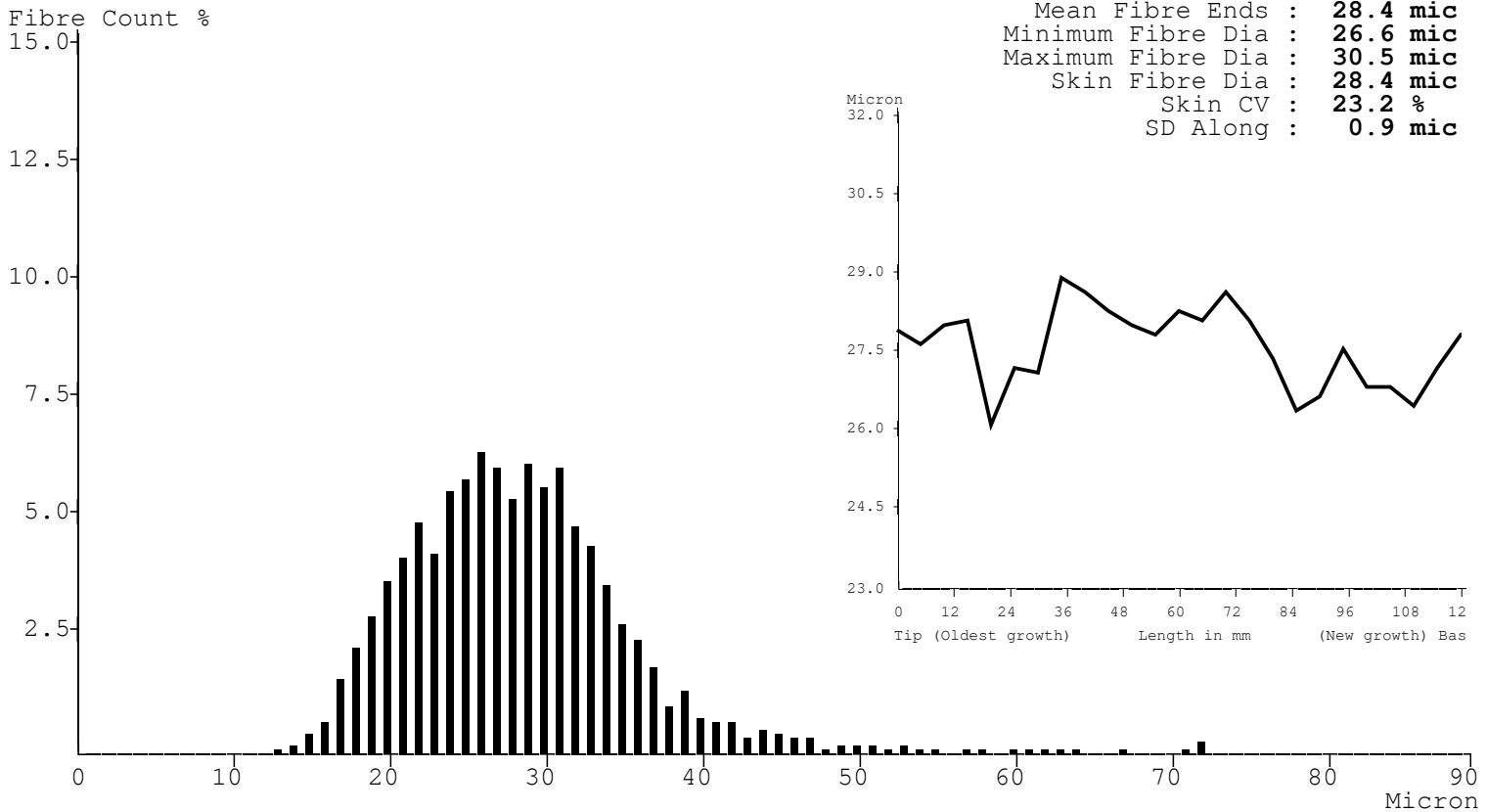
Micron : **28.4 mic**  
SD : **7.2 mic**  
CV : **25.6 %**  
CE : **6.4 %**  
SF : **28.8 mic**  
CF : **66.1 %**  
CRV : **13.4 Deg/mm**  
SDC : **14.9 Deg/mm**

Total Fibres counted : 4357

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **20.0 mm**  
Mean Fibre Ends : **28.4 mic**  
Minimum Fibre Dia : **26.6 mic**  
Maximum Fibre Dia : **30.5 mic**  
Skin Fibre Dia : **28.4 mic**  
Skin CV : **23.2 %**  
SD Along : **0.9 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **MICHOLITTA**

IAR Number : **157412**  
Micron Deviation : **-3.4 mic**  
>30 : **4.3 %**

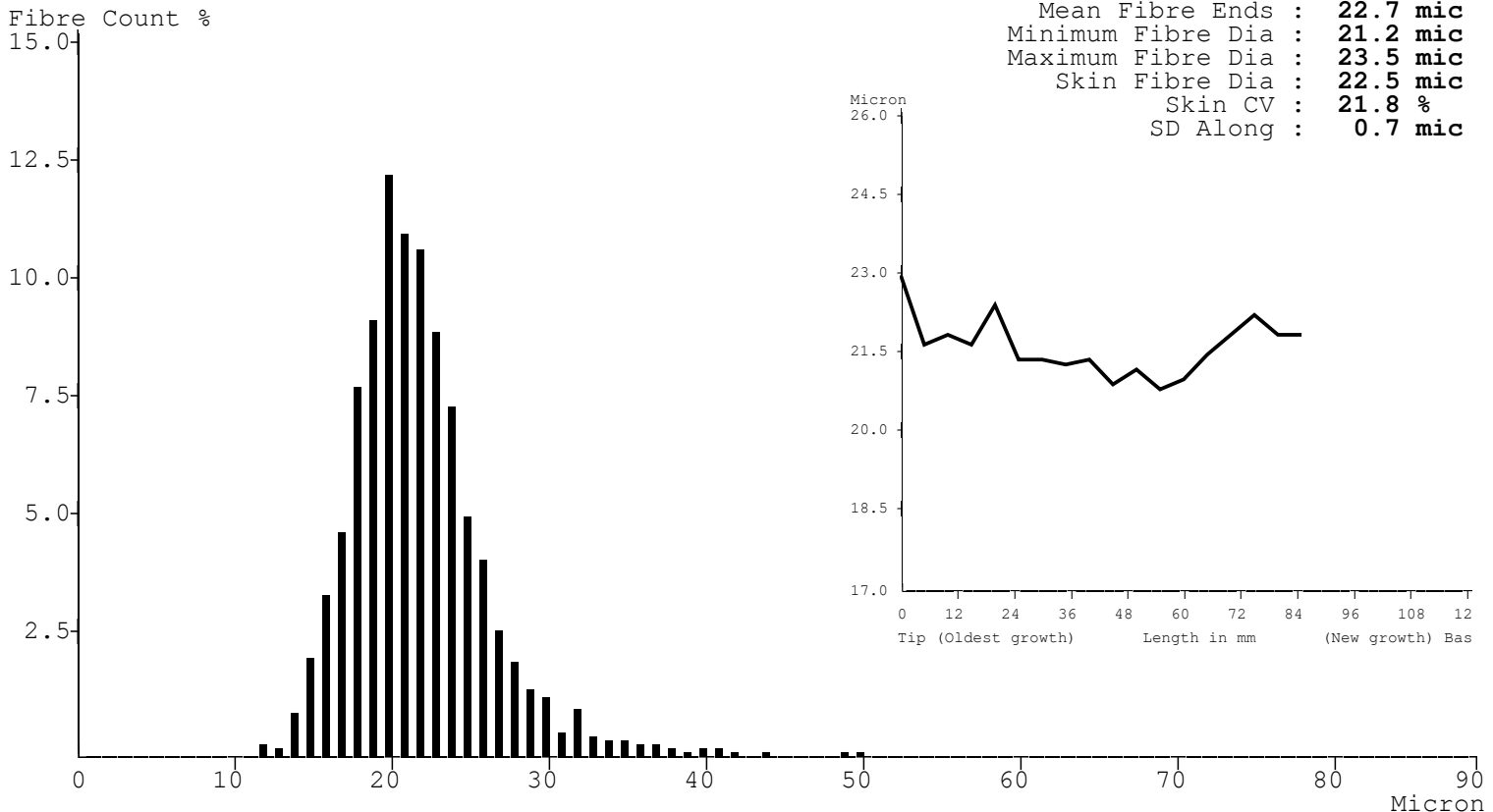
Micron : **22.0 mic**  
SD : **4.7 mic**  
CV : **21.4 %**  
CE : **2.4 %**  
SF : **21.5 mic**  
CF : **95.7 %**  
CRV : **17.1 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 2497

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **85.0 mm**  
Finest Point From Tip : **55.0 mm**  
Mean Fibre Ends : **22.7 mic**  
Minimum Fibre Dia : **21.2 mic**  
Maximum Fibre Dia : **23.5 mic**  
Skin Fibre Dia : **22.5 mic**  
Skin CV : **21.8 %**  
SD Along : **0.7 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **MOON DUST**

IAR Number : **169527**  
Micron Deviation : **+0.3 mic**  
>30 : **15.0 %**

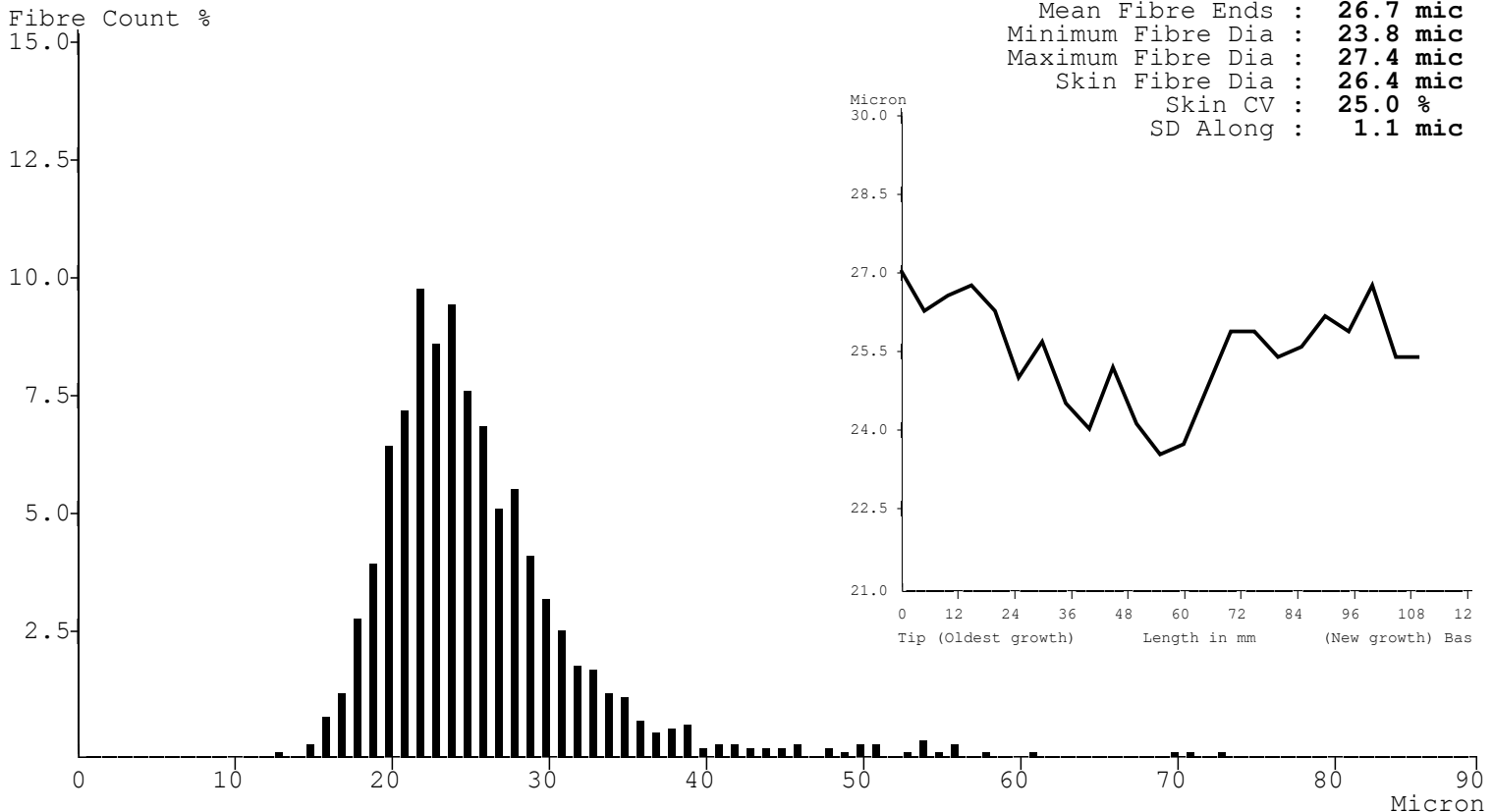
Micron : **25.7 mic**  
SD : **6.8 mic**  
CV : **26.4 %**  
CE : **5.5 %**  
SF : **26.3 mic**  
CF : **85.0 %**  
CRV : **14.0 Deg/mm**  
SDC : **16.0 Deg/mm**

Total Fibres counted : 2858

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **110.0 mm**  
Finest Point From Tip : **55.0 mm**  
Mean Fibre Ends : **26.7 mic**  
Minimum Fibre Dia : **23.8 mic**  
Maximum Fibre Dia : **27.4 mic**  
Skin Fibre Dia : **26.4 mic**  
Skin CV : **25.0 %**  
SD Along : **1.1 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **MR CHARMIN**

IAR Number : **215076**  
Micron Deviation : **-1.6 mic**  
>30 : **11.6 %**

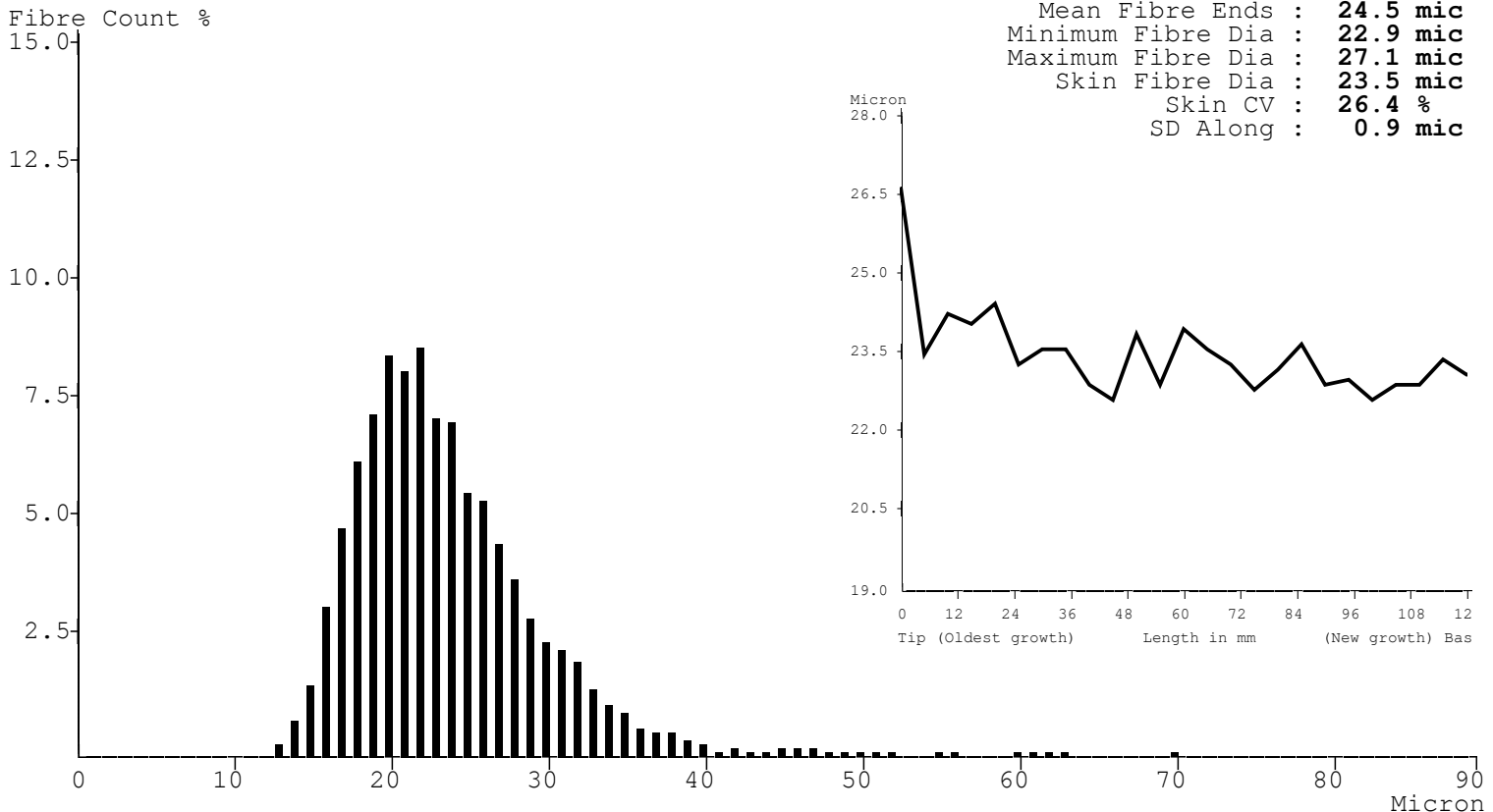
Micron : **23.8 mic**  
SD : **6.4 mic**  
CV : **26.8 %**  
CE : **5.1 %**  
SF : **24.4 mic**  
CF : **88.4 %**  
CRV : **17.7 Deg/mm**  
SDC : **19.9 Deg/mm**

Total Fibres counted : 4503

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **125.0 mm**  
Finest Point From Tip : **100.0 mm**  
Mean Fibre Ends : **24.5 mic**  
Minimum Fibre Dia : **22.9 mic**  
Maximum Fibre Dia : **27.1 mic**  
Skin Fibre Dia : **23.5 mic**  
Skin CV : **26.4 %**  
SD Along : **0.9 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.



# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **ODETTE**

IAR Number : **236409**  
Micron Deviation : **+3.4 mic**  
>30 : **32.8 %**

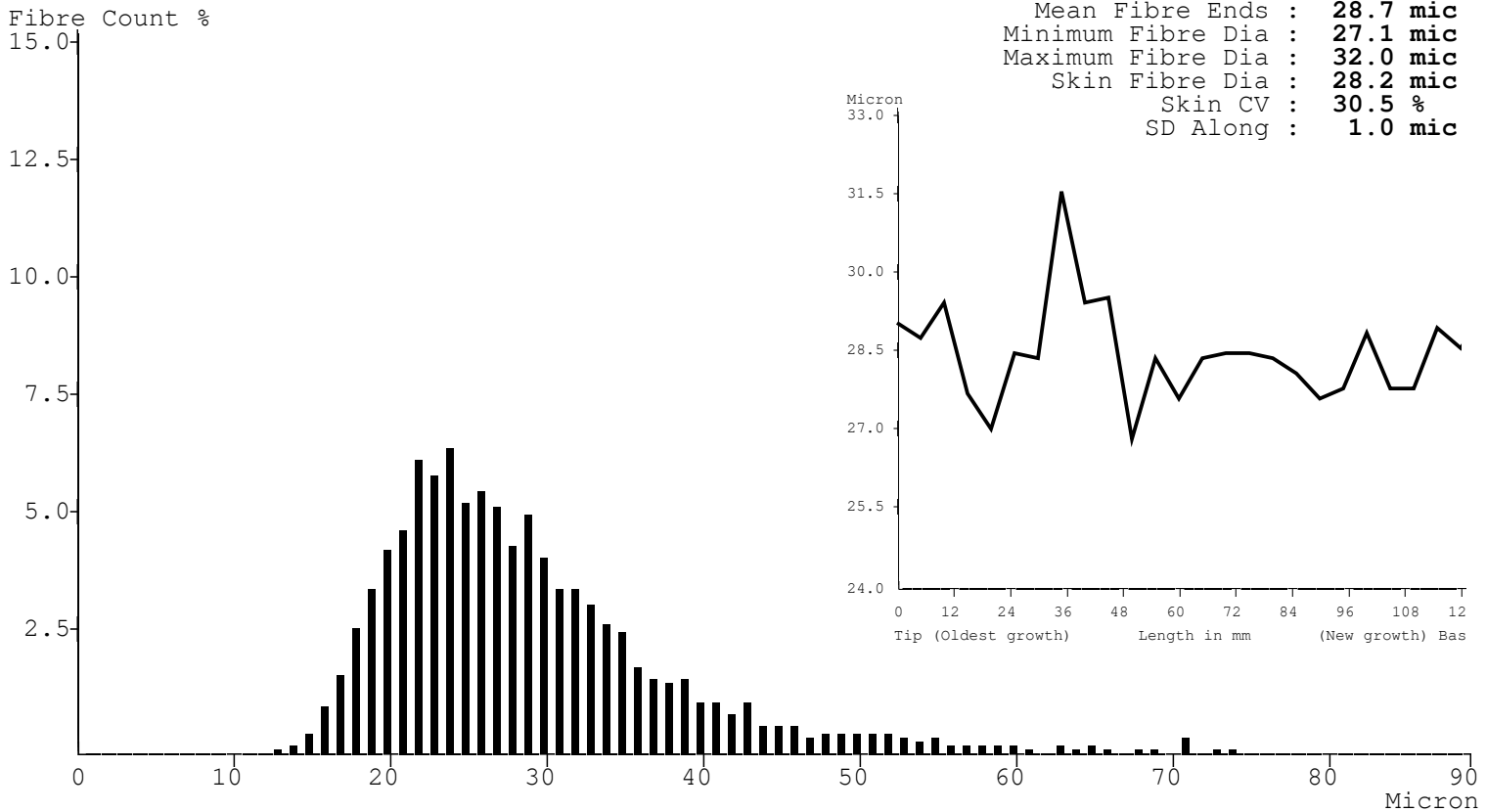
Micron : **28.8 mic**  
SD : **9.0 mic**  
CV : **31.3 %**  
CE : **11.2 %**  
SF : **31.0 mic**  
CF : **67.2 %**  
CRV : **12.5 Deg/mm**  
SDC : **13.2 Deg/mm**

Total Fibres counted : 5793

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **140.0 mm**  
Finest Point From Tip : **50.0 mm**  
Mean Fibre Ends : **28.7 mic**  
Minimum Fibre Dia : **27.1 mic**  
Maximum Fibre Dia : **32.0 mic**  
Skin Fibre Dia : **28.2 mic**  
Skin CV : **30.5 %**  
SD Along : **1.0 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **ODIN**

IAR Number : **250808**  
Micron Deviation : **-1.9 mic**  
>30 : **11.5 %**

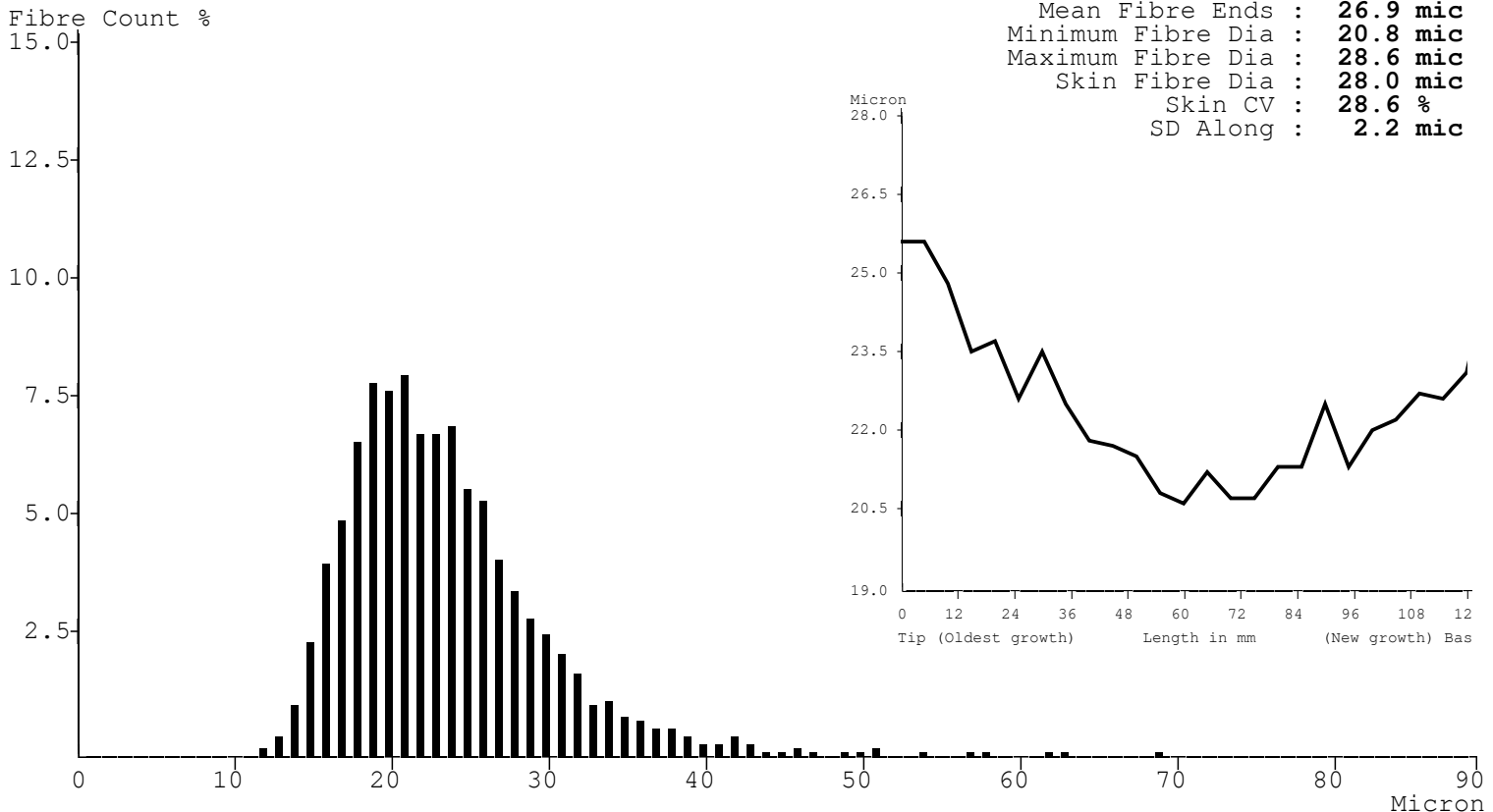
Micron : **23.5 mic**  
SD : **6.4 mic**  
CV : **27.1 %**  
CE : **6.0 %**  
SF : **24.2 mic**  
CF : **88.5 %**  
CRV : **16.8 Deg/mm**  
SDC : **20.8 Deg/mm**

Total Fibres counted : 4150

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **60.0 mm**  
Mean Fibre Ends : **26.9 mic**  
Minimum Fibre Dia : **20.8 mic**  
Maximum Fibre Dia : **28.6 mic**  
Skin Fibre Dia : **28.0 mic**  
Skin CV : **28.6 %**  
SD Along : **2.2 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **PETER PAN**

IAR Number : **236410**  
Micron Deviation : **-1.7 mic**  
>30 : **11.5 %**

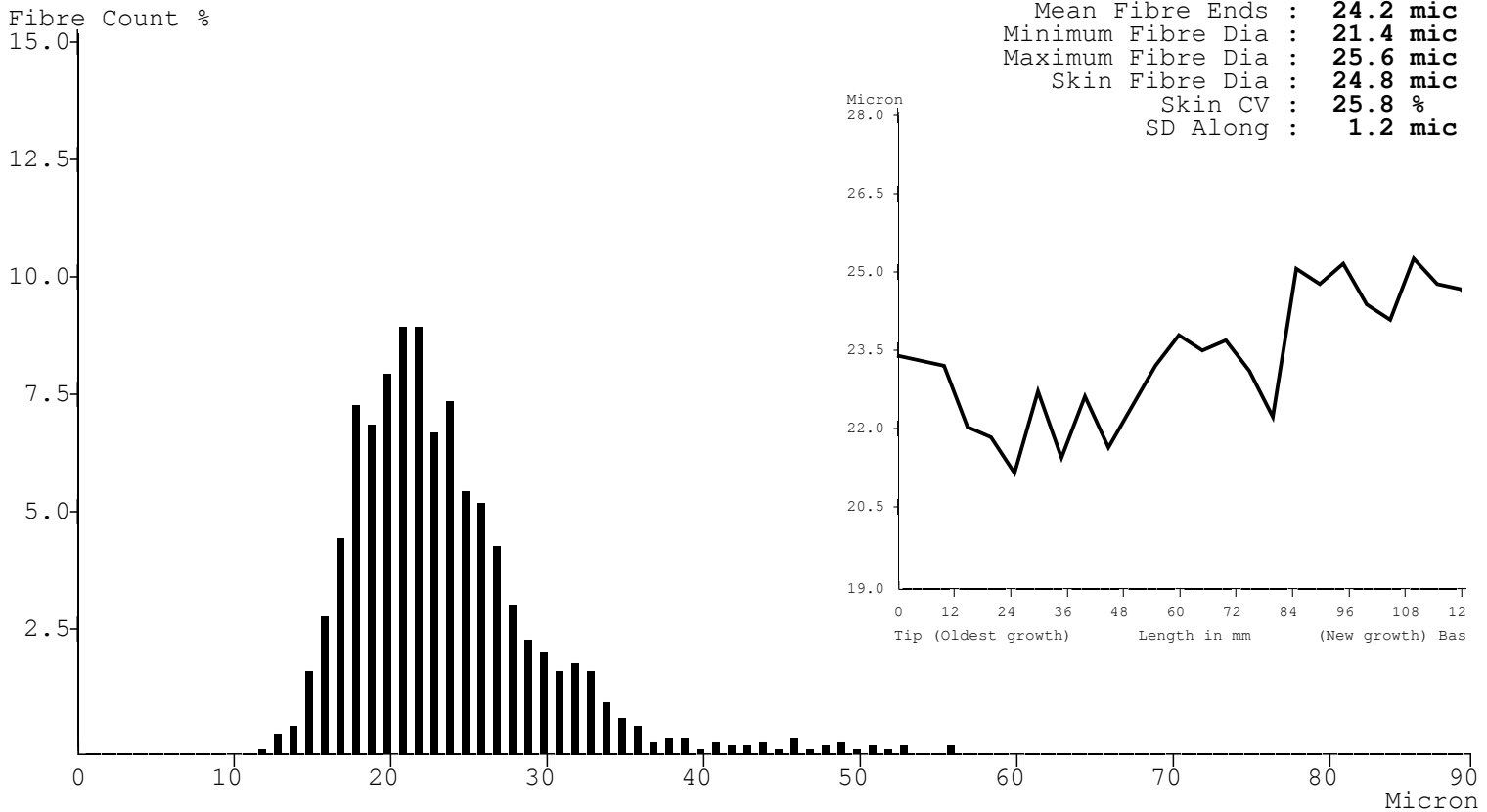
Micron : **23.7 mic**  
SD : **6.4 mic**  
CV : **27.1 %**  
CE : **5.3 %**  
SF : **24.4 mic**  
CF : **88.5 %**  
CRV : **15.3 Deg/mm**  
SDC : **17.6 Deg/mm**

Total Fibres counted : 3802

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **130.0 mm**  
Finest Point From Tip : **25.0 mm**  
Mean Fibre Ends : **24.2 mic**  
Minimum Fibre Dia : **21.4 mic**  
Maximum Fibre Dia : **25.6 mic**  
Skin Fibre Dia : **24.8 mic**  
Skin CV : **25.8 %**  
SD Along : **1.2 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Name : **PRINCESS A**

IAR Number : **250810**  
Micron Deviation : **-3.5 mic**  
>30 : **5.7 %**

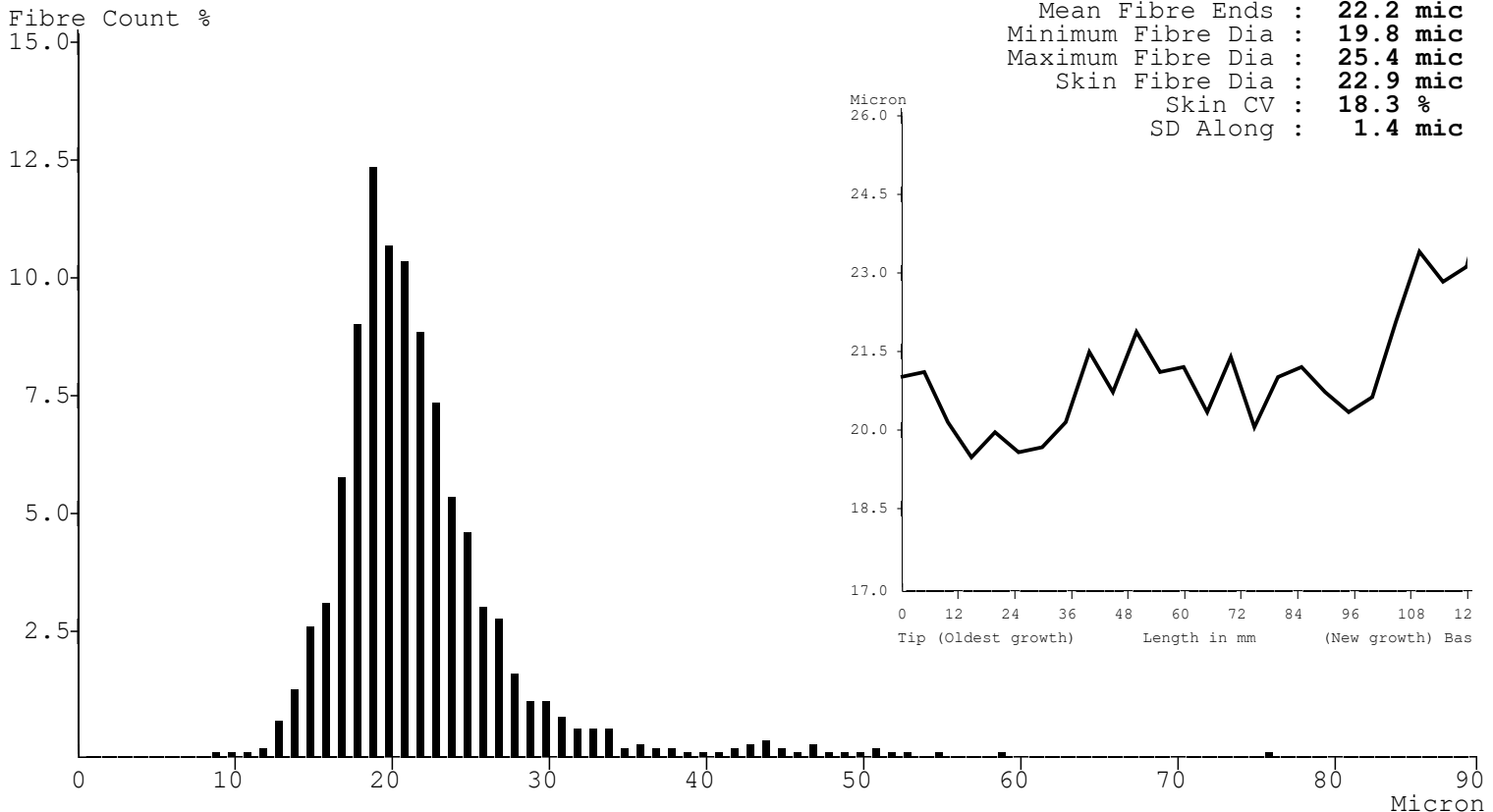
Micron : **21.9 mic**  
SD : **6.0 mic**  
CV : **27.3 %**  
CE : **4.4 %**  
SF : **22.6 mic**  
CF : **94.3 %**  
CRV : **18.7 Deg/mm**  
SDC : **20.9 Deg/mm**

Total Fibres counted : 3570

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **15.0 mm**  
Mean Fibre Ends : **22.2 mic**  
Minimum Fibre Dia : **19.8 mic**  
Maximum Fibre Dia : **25.4 mic**  
Skin Fibre Dia : **22.9 mic**  
Skin CV : **18.3 %**  
SD Along : **1.4 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Contact :- Micron Man

Our Phone (08)94181733

P.O. Box 1423

Bibra Lake W.A. 6965

Name : **RAINDROPS**

IAR Number : **236421**  
Micron Deviation : **+0.3 mic**  
>30 : **17.0 %**

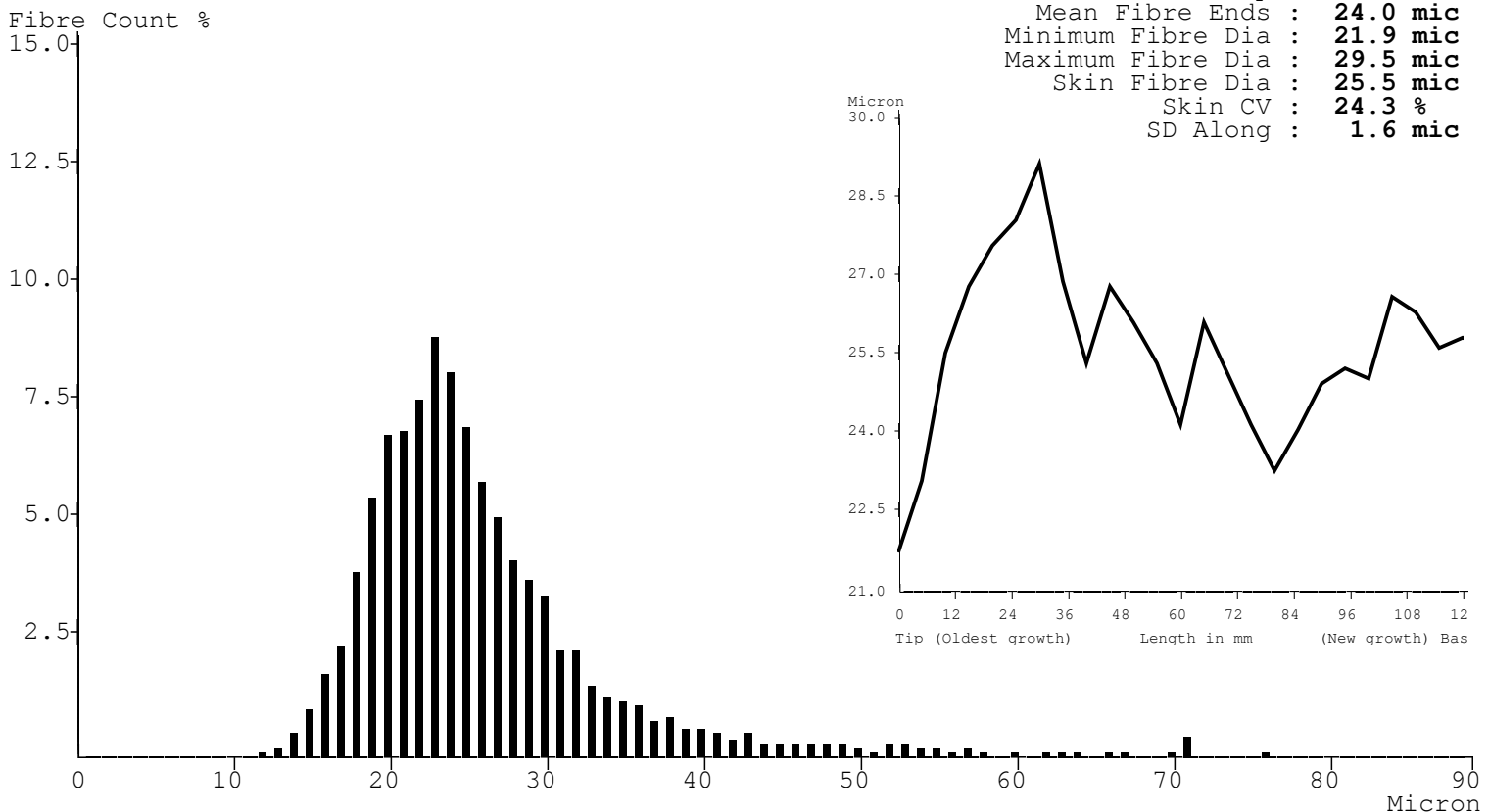
Micron : **25.7 mic**  
SD : **7.7 mic**  
CV : **30.0 %**  
CE : **7.9 %**  
SF : **27.3 mic**  
CF : **83.0 %**  
CRV : **12.8 Deg/mm**  
SDC : **14.5 Deg/mm**

Total Fibres counted : 4553

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **135.0 mm**  
Finest Point From Tip : **0.0 mm**  
Mean Fibre Ends : **24.0 mic**  
Minimum Fibre Dia : **21.9 mic**  
Maximum Fibre Dia : **29.5 mic**  
Skin Fibre Dia : **25.5 mic**  
Skin CV : **24.3 %**  
SD Along : **1.6 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **ROSEWOOD**

IAR Number : **250804**  
Micron Deviation : **-5.0 mic**  
>30 : **3.2 %**

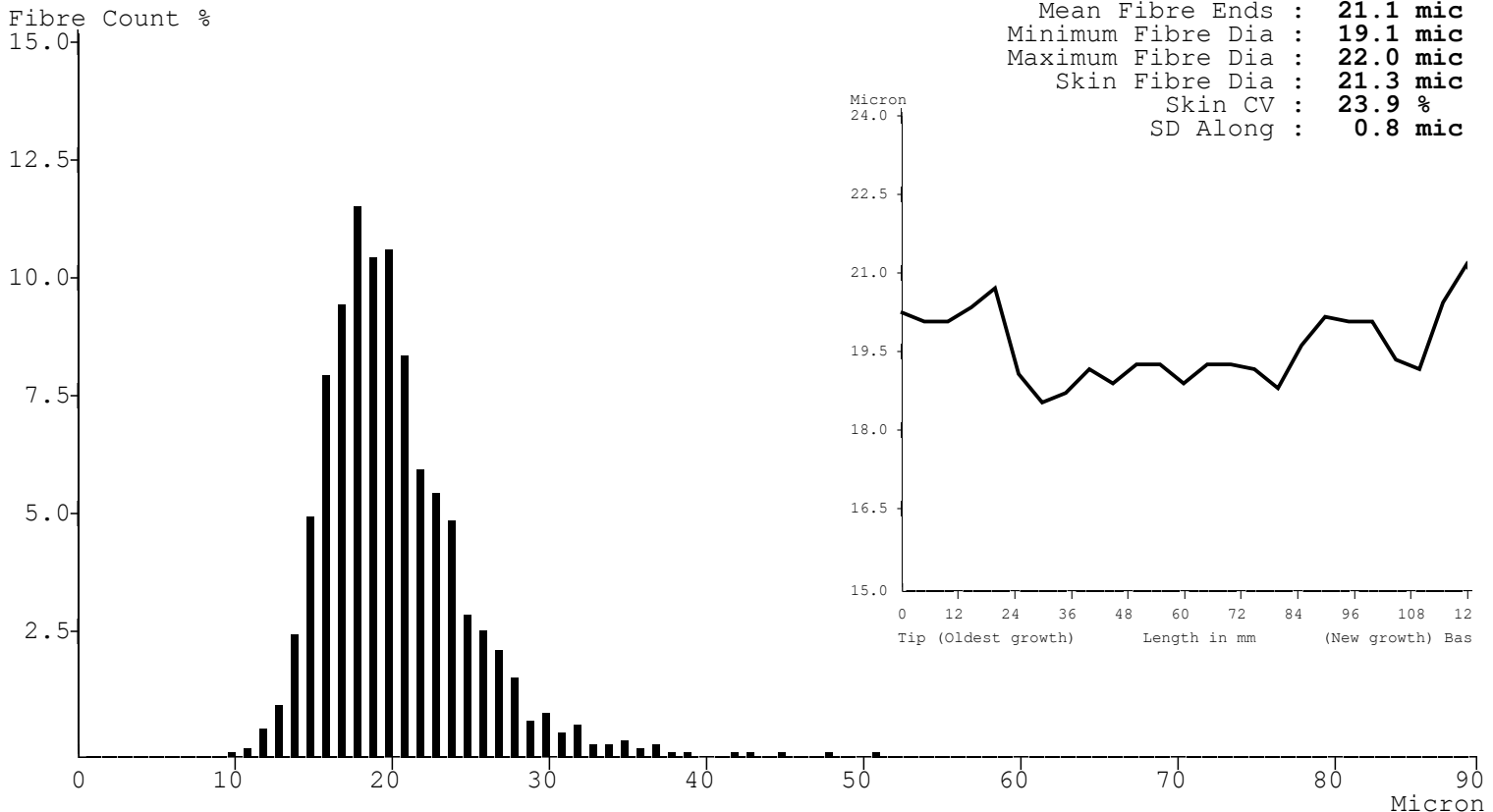
Micron : **20.4 mic**  
SD : **4.8 mic**  
CV : **23.5 %**  
CE : **3.0 %**  
SF : **20.3 mic**  
CF : **96.8 %**  
CRV : **21.0 Deg/mm**  
SDC : **24.1 Deg/mm**

Total Fibres counted : 3403

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **30.0 mm**  
Mean Fibre Ends : **21.1 mic**  
Minimum Fibre Dia : **19.1 mic**  
Maximum Fibre Dia : **22.0 mic**  
Skin Fibre Dia : **21.3 mic**  
Skin CV : **23.9 %**  
SD Along : **0.8 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client  
 Jeneric Farms  
 1511 Cawongla Road  
 Larnook NSW 2480

Date Sample Taken -

Contact :- Micron Man  
 Our Phone (08)94181733  
 P.O. Box 1423  
 Bibra Lake W.A. 6965

Group ID. JFI

Test No. JNF21075

Wool Growth - 12 months

Age at Sample Date - months

Name : **ROY PRINCE**

IAR Number : **250802**  
 Micron Deviation : **-2.9 mic**  
 >30 : **9.2 %**

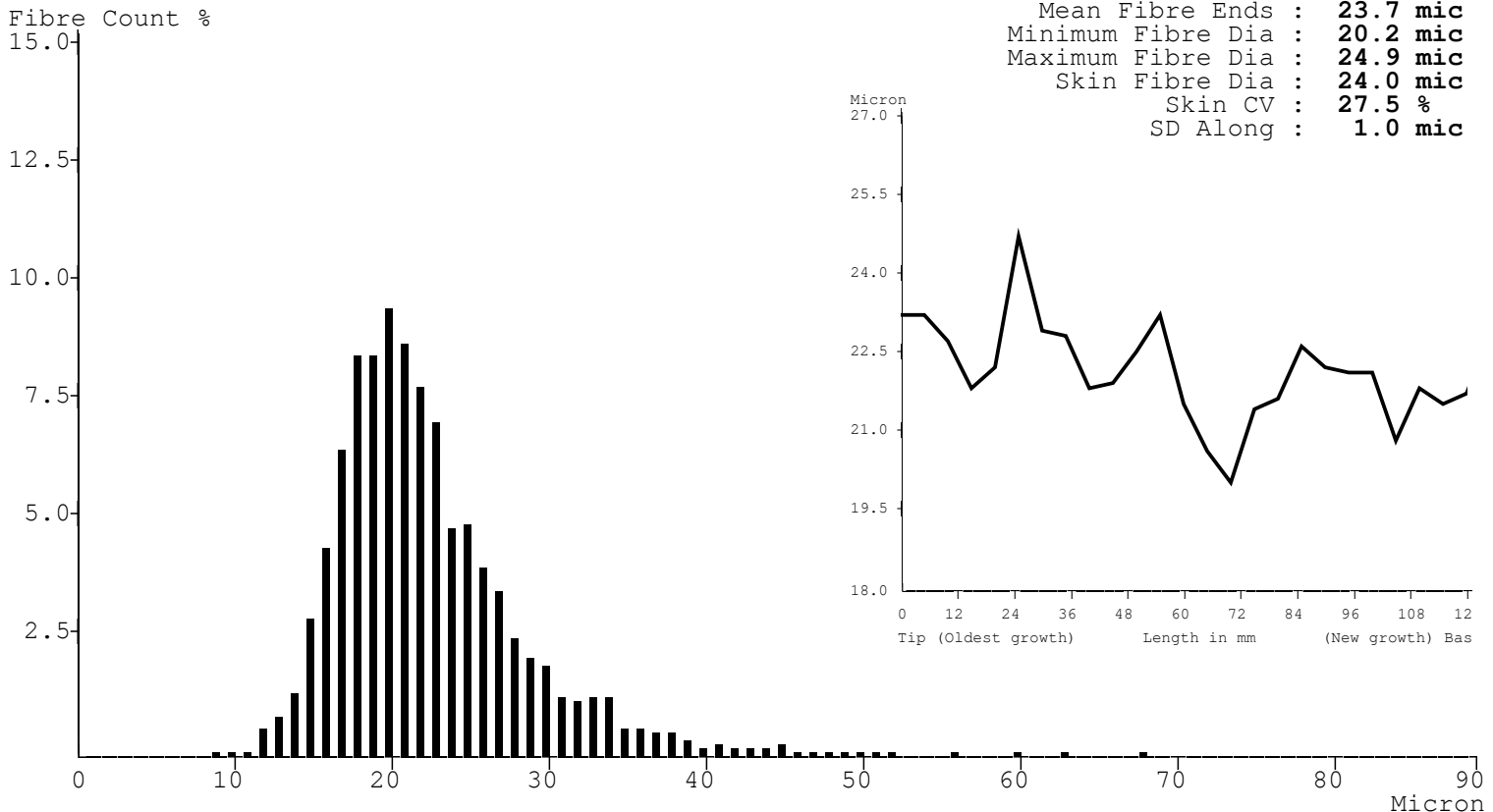
Micron : **22.5 mic**  
 SD : **6.2 mic**  
 CV : **27.5 %**  
 CE : **6.2 %**  
 SF : **23.3 mic**  
 CF : **90.8 %**  
 CRV : **16.9 Deg/mm**  
 SDC : **19.7 Deg/mm**

Total Fibres counted : 4664

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

### Micron Profile Graph

Staple Length : **160.0 mm**  
 Finest Point From Tip : **70.0 mm**  
 Mean Fibre Ends : **23.7 mic**  
 Minimum Fibre Dia : **20.2 mic**  
 Maximum Fibre Dia : **24.9 mic**  
 Skin Fibre Dia : **24.0 mic**  
 Skin CV : **27.5 %**  
 SD Along : **1.0 mic**



#### EXPLANATION OF TERMS

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Contact :- Micron Man

Our Phone (08)94181733

P.O. Box 1423

Bibra Lake W.A. 6965

Name : **ROYALDREAM**

IAR Number : **178382**  
Micron Deviation : **+1.3 mic**  
>30 : **23.0 %**

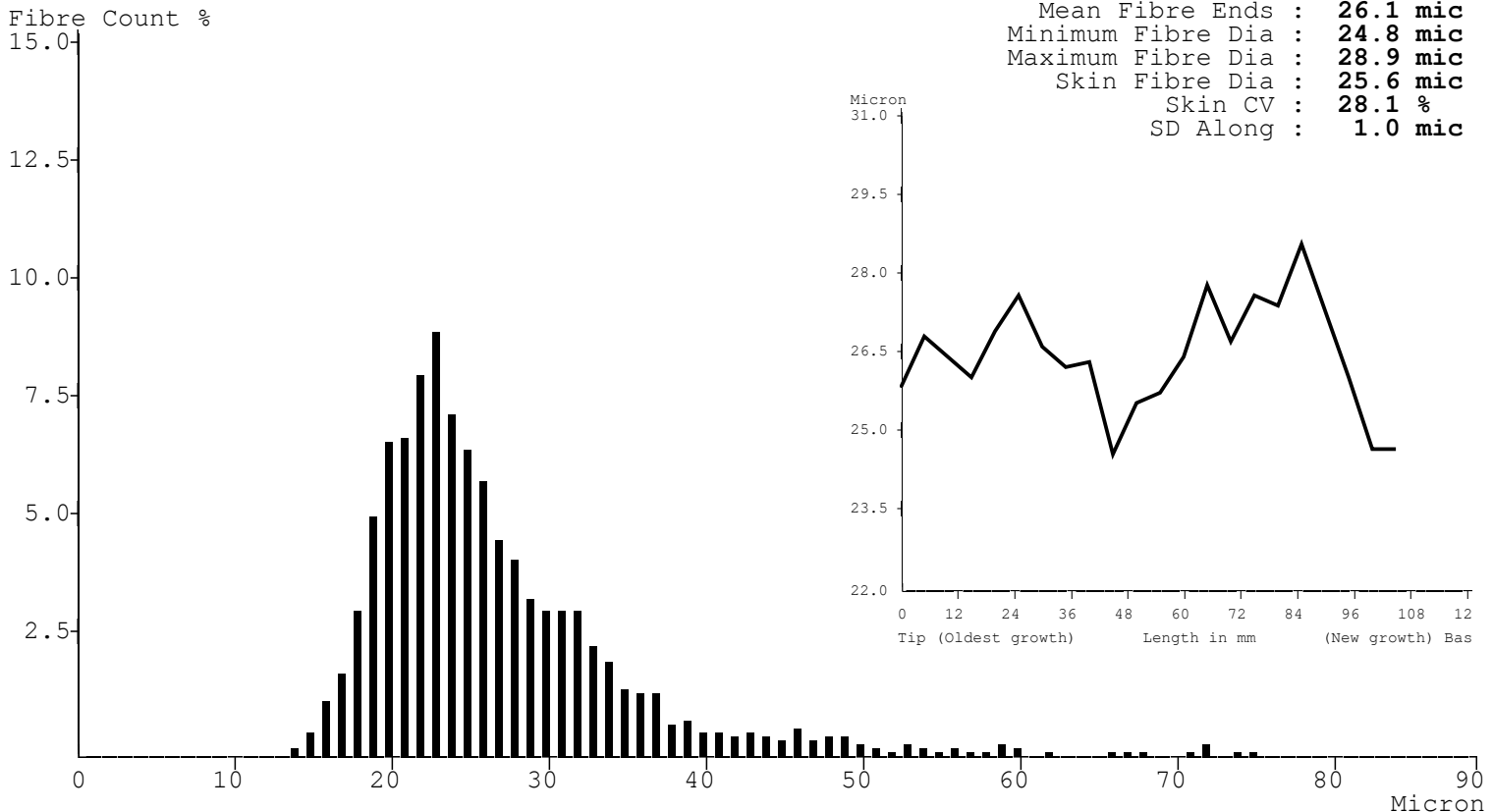
Micron : **26.7 mic**  
SD : **8.3 mic**  
CV : **31.1 %**  
CE : **8.7 %**  
SF : **28.7 mic**  
CF : **77.0 %**  
CRV : **14.5 Deg/mm**  
SDC : **15.7 Deg/mm**

Total Fibres counted : 4309

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **105.0 mm**  
Finest Point From Tip : **45.0 mm**  
Mean Fibre Ends : **26.1 mic**  
Minimum Fibre Dia : **24.8 mic**  
Maximum Fibre Dia : **28.9 mic**  
Skin Fibre Dia : **25.6 mic**  
Skin CV : **28.1 %**  
SD Along : **1.0 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.



## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **SPIRIT**

IAR Number : **250813**  
Micron Deviation : **-6.5 mic**  
>30 : **4.5 %**

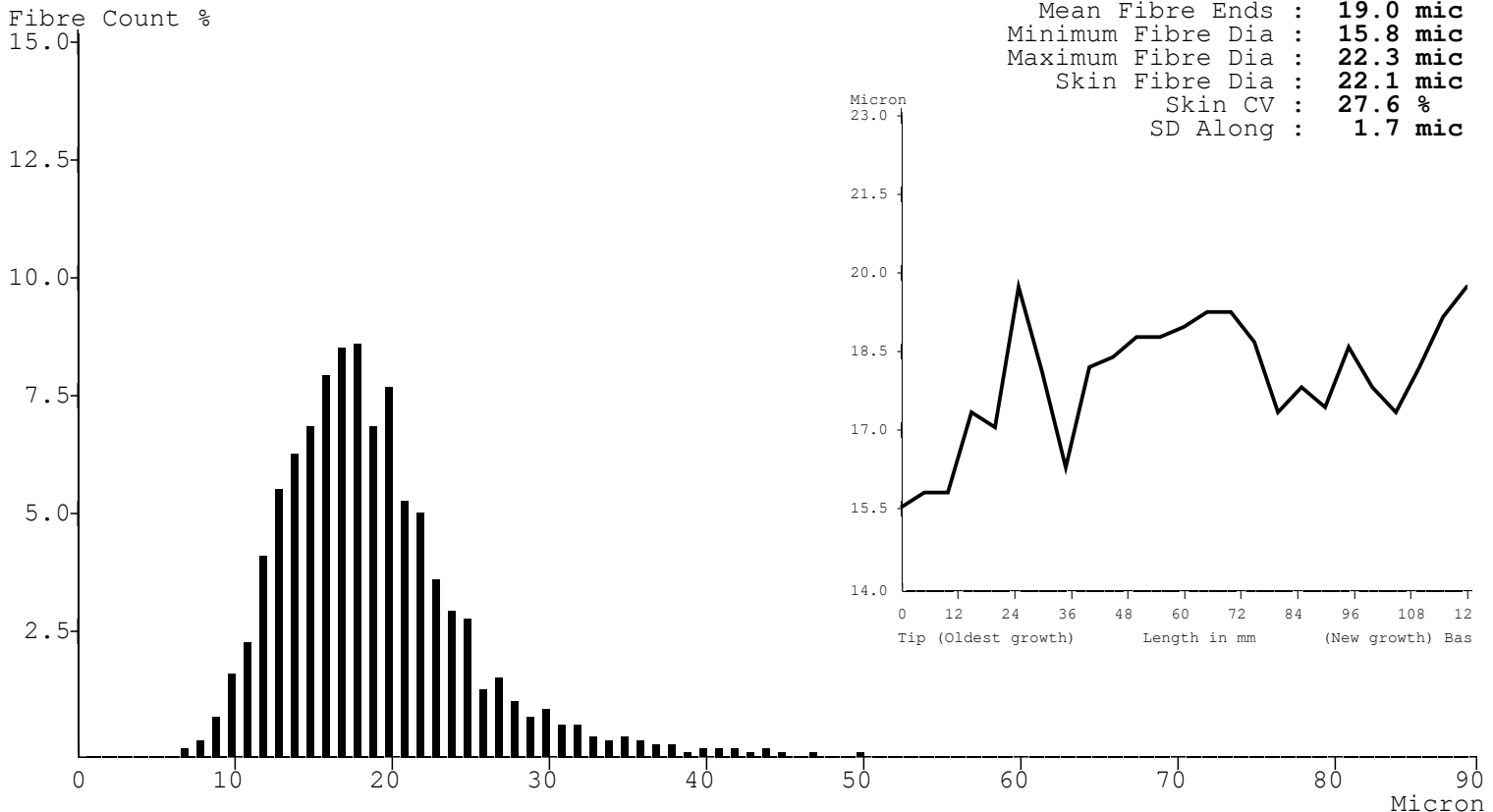
Micron : **18.9 mic**  
SD : **6.0 mic**  
CV : **31.9 %**  
CE : **5.6 %**  
SF : **20.5 mic**  
CF : **95.5 %**  
CRV : **21.6 Deg/mm**  
SDC : **23.6 Deg/mm**

Total Fibres counted : 3737

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **0.0 mm**  
Mean Fibre Ends : **19.0 mic**  
Minimum Fibre Dia : **15.8 mic**  
Maximum Fibre Dia : **22.3 mic**  
Skin Fibre Dia : **22.1 mic**  
Skin CV : **27.6 %**  
SD Along : **1.7 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **WENDY**

IAR Number : **250812**  
Micron Deviation : **-6.5 mic**  
>30 : **4.2 %**

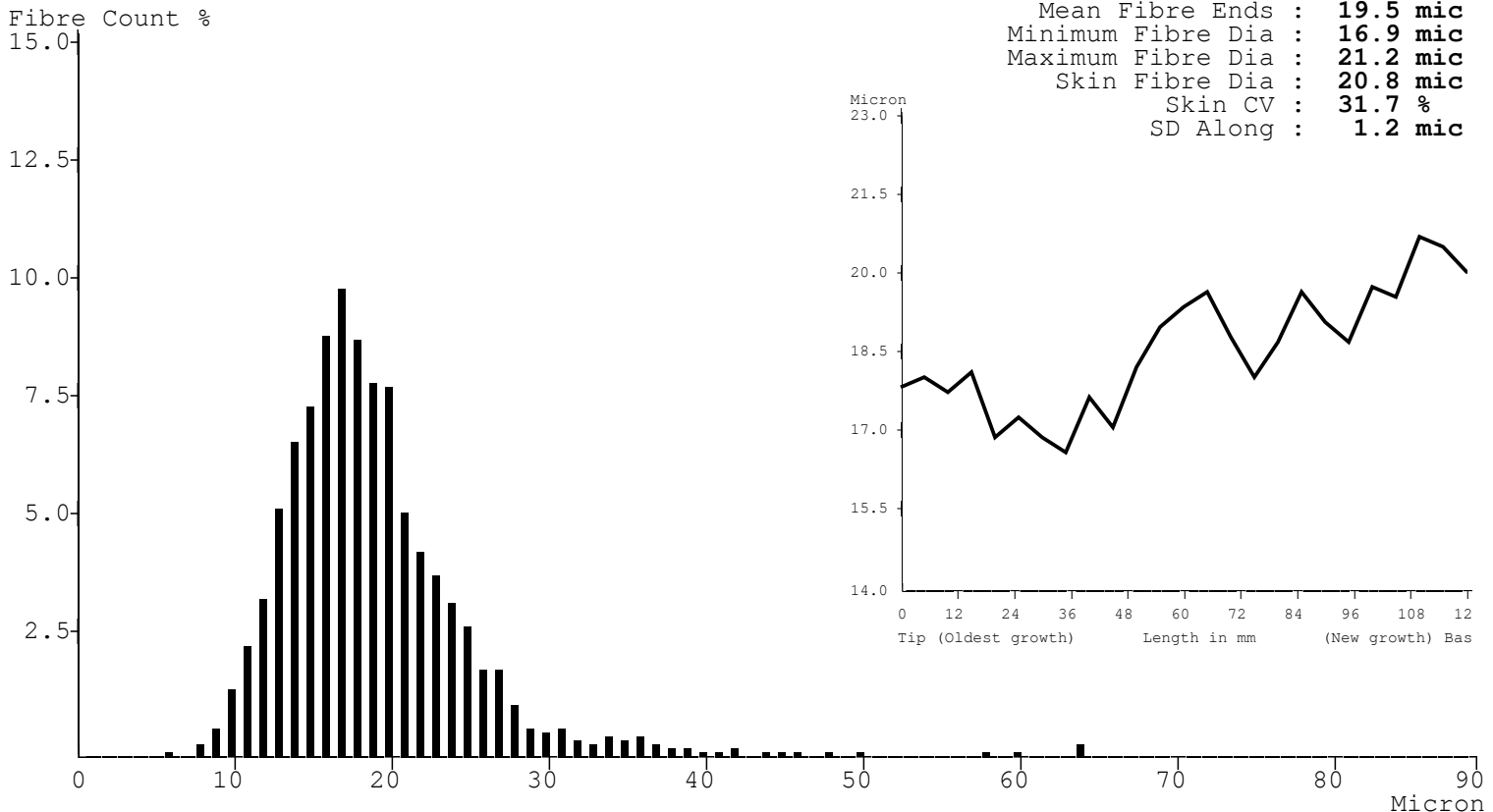
Micron : **18.9 mic**  
SD : **6.0 mic**  
CV : **31.9 %**  
CE : **4.7 %**  
SF : **20.5 mic**  
CF : **95.8 %**  
CRV : **22.7 Deg/mm**  
SDC : **27.8 Deg/mm**

Total Fibres counted : 3433

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **160.0 mm**  
Finest Point From Tip : **35.0 mm**  
Mean Fibre Ends : **19.5 mic**  
Minimum Fibre Dia : **16.9 mic**  
Maximum Fibre Dia : **21.2 mic**  
Skin Fibre Dia : **20.8 mic**  
Skin CV : **31.7 %**  
SD Along : **1.2 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **WICCA**

IAR Number : **176576**  
Micron Deviation : **+7.8 mic**  
>30 : **56.3 %**

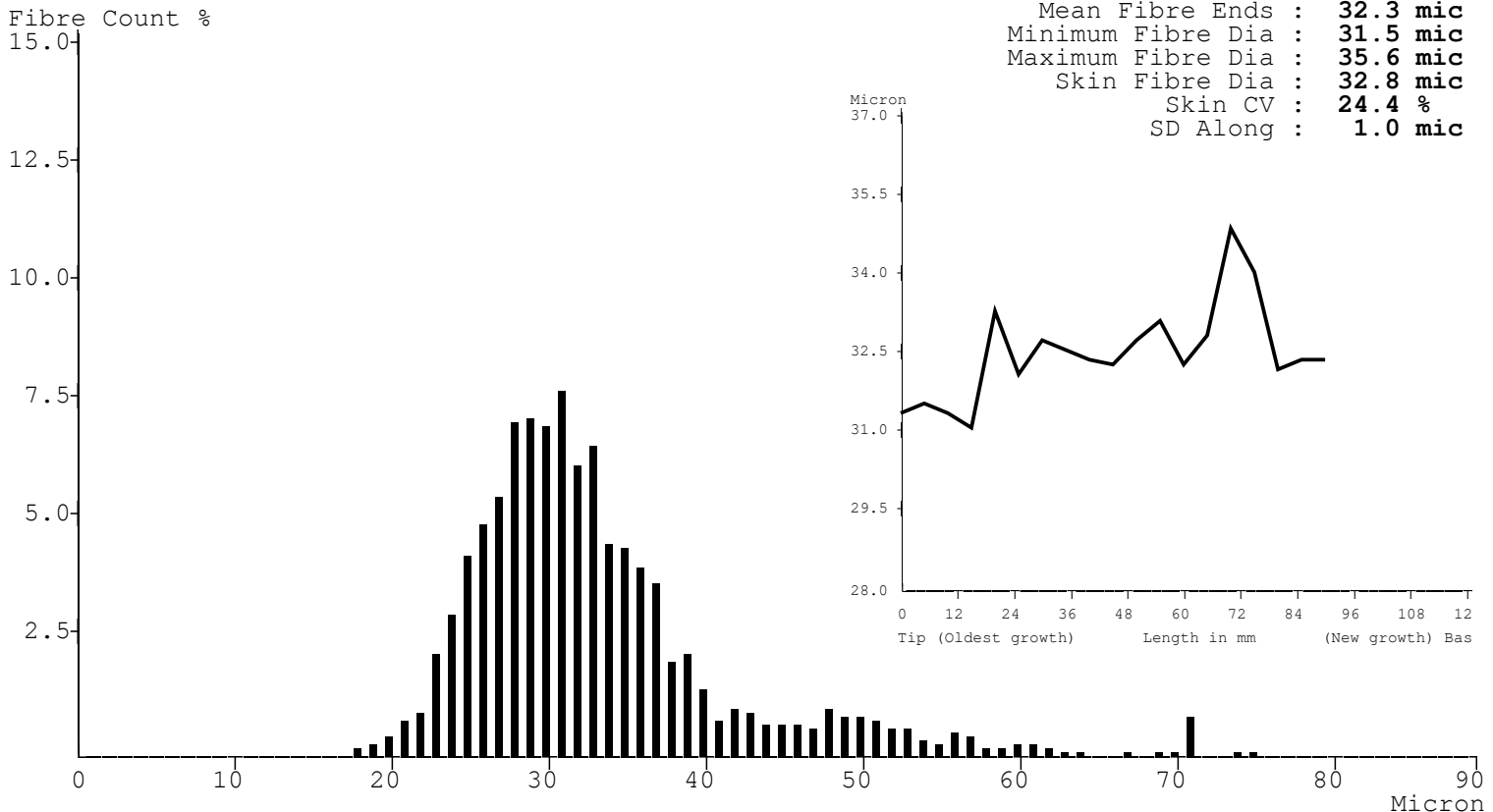
Micron : **33.2 mic**  
SD : **8.5 mic**  
CV : **25.7 %**  
CE : **10.8 %**  
SF : **33.7 mic**  
CF : **43.7 %**  
CRV : **11.4 Deg/mm**  
SDC : **13.3 Deg/mm**

Total Fibres counted : 2424

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **90.0 mm**  
Finest Point From Tip : **15.0 mm**  
Mean Fibre Ends : **32.3 mic**  
Minimum Fibre Dia : **31.5 mic**  
Maximum Fibre Dia : **35.6 mic**  
Skin Fibre Dia : **32.8 mic**  
Skin CV : **24.4 %**  
SD Along : **1.0 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21075

Contact :- Micron Man

Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **WISHLIST**

IAR Number : **129882**  
Micron Deviation : **+12.4 mic**  
>30 : **78.0 %**

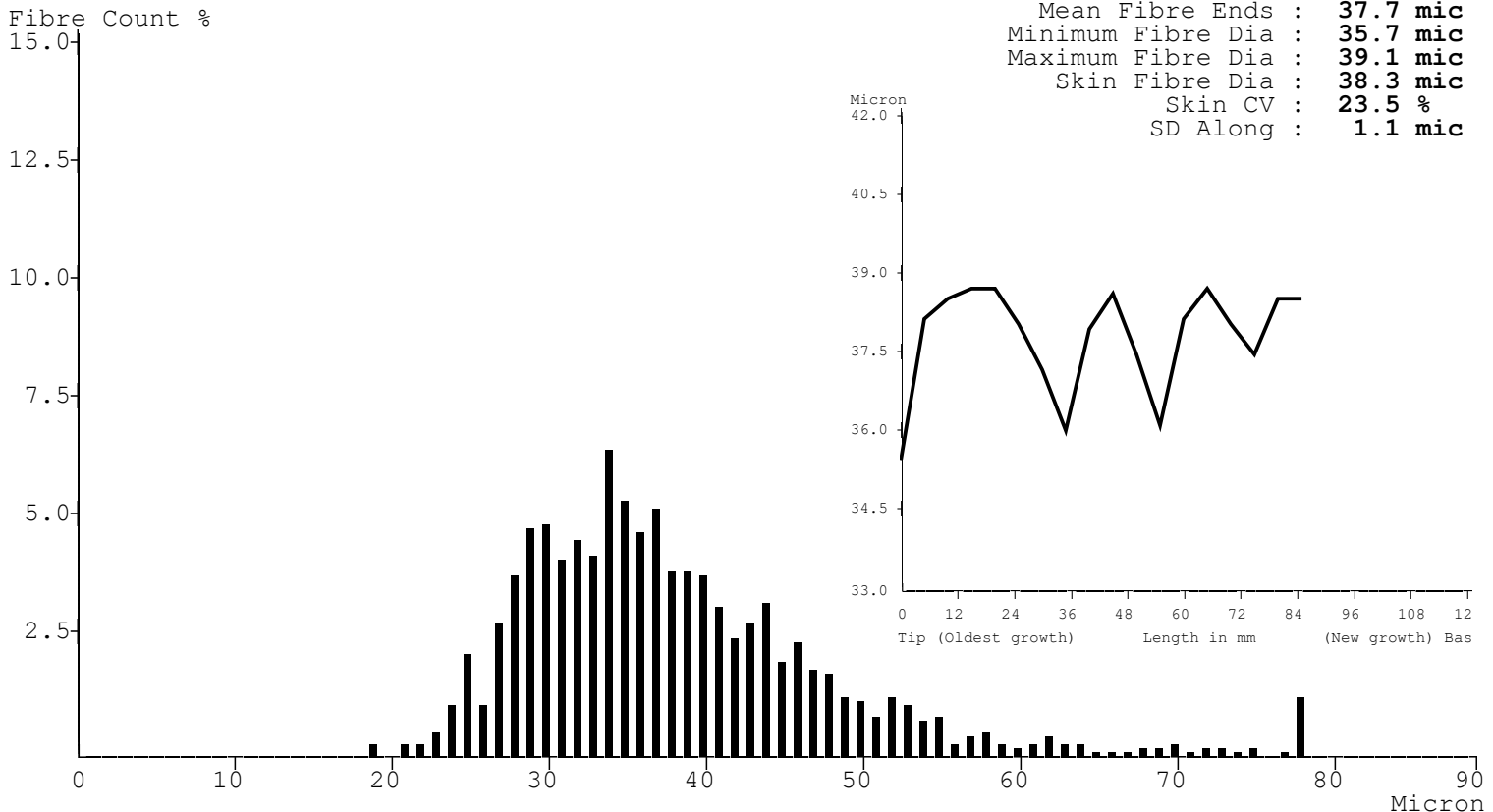
Micron : **37.8 mic**  
SD : **9.4 mic**  
CV : **24.8 %**  
CE : **11.9 %**  
SF : **38.1 mic**  
CF : **22.0 %**  
CRV : **11.9 Deg/mm**  
SDC : **12.5 Deg/mm**

Total Fibres counted : 1720

**OFDA2000 Alpaca Calibration : Trim High OFF**  
**GCF @ 20 um : 0.6 um**

**Micron Profile Graph**

Staple Length : **85.0 mm**  
Finest Point From Tip : **0.0 mm**  
Mean Fibre Ends : **37.7 mic**  
Minimum Fibre Dia : **35.7 mic**  
Maximum Fibre Dia : **39.1 mic**  
Skin Fibre Dia : **38.3 mic**  
Skin CV : **23.5 %**  
SD Along : **1.1 mic**



**EXPLANATION OF TERMS**

- FD : Overall average Fibre Diameter measured in micron.
- SD : Standard Deviation, measures the distance either side of the average fibre diameter where approx 2/3 of the fibre diameters lie.
- CV : Coefficient of Variation = SD as a percentage of the average micron
- CE : Coarse Edge. The percentage of fibres that lie over 10 microns greater than the average fibre diameter.
- CF : Comfort Factor. The percentage of fibres less than 30 microns
- SF : Spinning Fineness. Combine Micron & CV to a single number to represent the spinning quality expressed in microns.
- >30 : The percentage of fibres greater than 30 microns.
- CRV : Fibre Curvature is the average curvature or bending over one millimetre length. It is related to crimp frequency and is measured in degrees per millimetre (Dg/mm).
- SDC : Standard Deviation of Curvature is the variation of curvature for the above measurement. SDC is related to crimp definition and measured in degrees per millimetre (Dg/mm).
- TRIM : If sample is tested with Trim High ON, then the result is trimmed to 4 SD's above average FD. If sample average FD=22um and SD=5um then Trim High ON = 22+20=44um. Measurement above 44um is removed. Trim High OFF means no coarse tail trimming on the sample tested that gives a closer result to other instruments.
- GCF : Grease Correction Factor is the FD adjustment needed when measuring greasy Alpaca fibre - @ 20um-0.6um = 19.4um.