

ALPACA FIBRE ANALYSIS

Client

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **BASHEEBA**

Micron Deviation : **+5.3 mic**
>30 : **7.5 %**

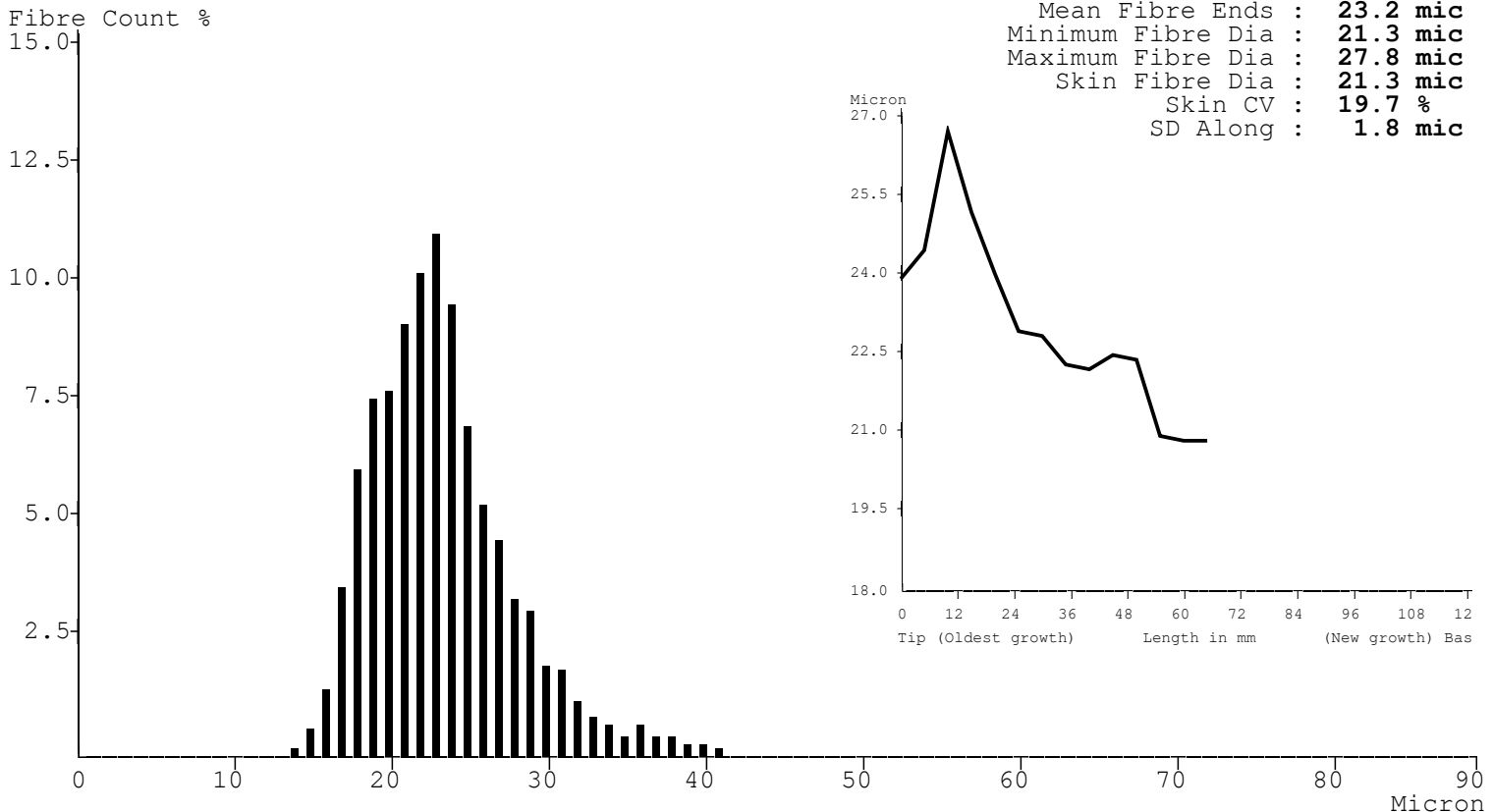
Micron : **23.4 mic**
SD : **4.5 mic**
CV : **19.2 %**
CE : **3.4 %**
SF : **22.4 mic**
CF : **92.5 %**
CRV : **43.3 Deg/mm**
SDC : **32.9 Deg/mm**

Total Fibres counted : 1994

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

Micron Profile Graph

Staple Length : **65.0 mm**
Finest Point From Tip : **60.0 mm**
Mean Fibre Ends : **23.2 mic**
Minimum Fibre Dia : **21.3 mic**
Maximum Fibre Dia : **27.8 mic**
Skin Fibre Dia : **21.3 mic**
Skin CV : **19.7 %**
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.

ALPACA FIBRE ANALYSIS

Client

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **DESIRE**

Micron Deviation : **+4.2 mic**
>30 : **4.4 %**

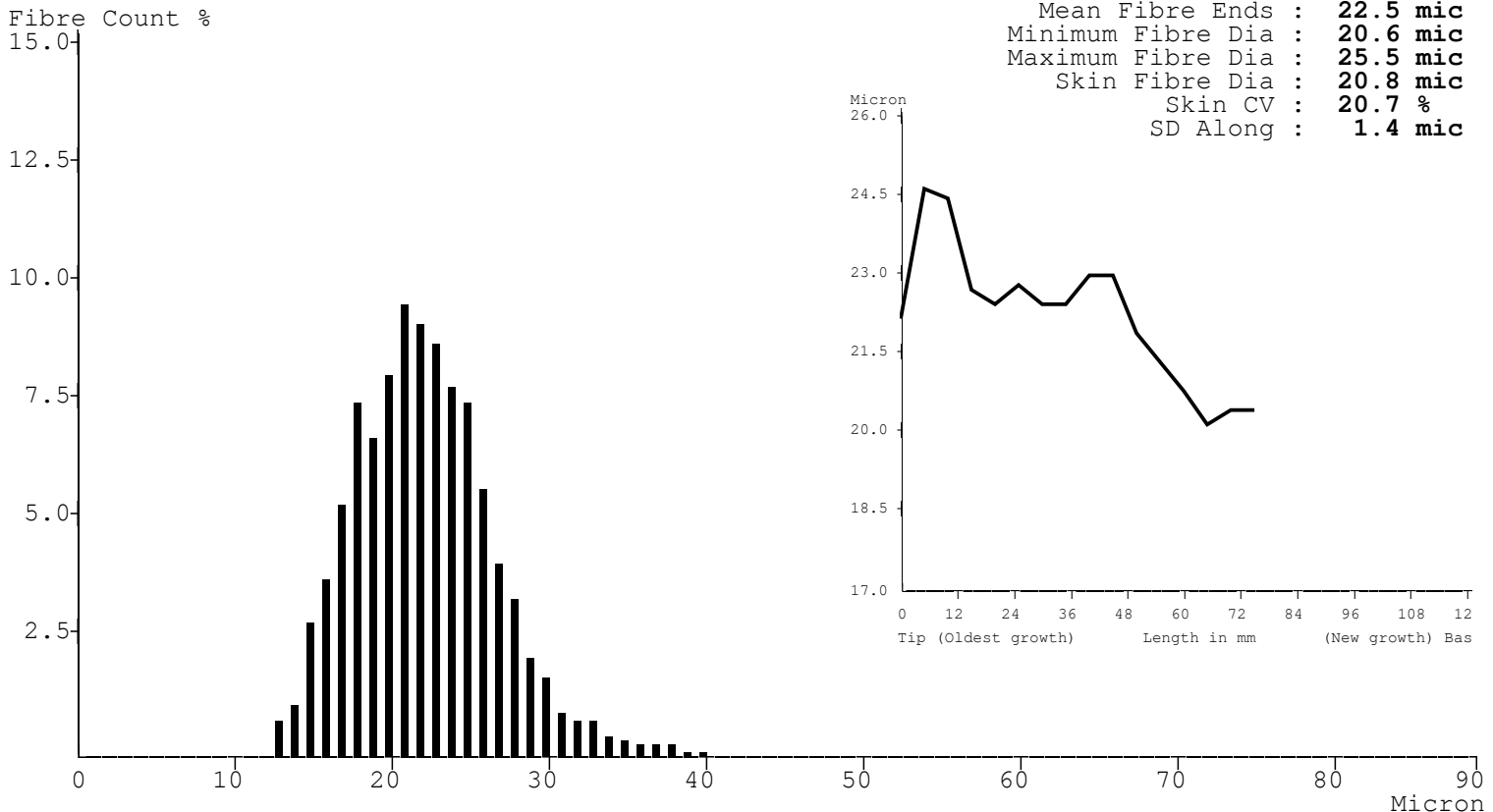
Micron : **22.3 mic**
SD : **4.5 mic**
CV : **20.2 %**
CE : **2.5 %**
SF : **21.6 mic**
CF : **95.6 %**
CRV : **54.7 Deg/mm**
SDC : **42.9 Deg/mm**

Total Fibres counted : 1795

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

Micron Profile Graph

Staple Length : **75.0 mm**
Finest Point From Tip : **65.0 mm**
Mean Fibre Ends : **22.5 mic**
Minimum Fibre Dia : **20.6 mic**
Maximum Fibre Dia : **25.5 mic**
Skin Fibre Dia : **20.8 mic**
Skin CV : **20.7 %**
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.

MAN - ALPACA FIBRE ANALYSIS

Client
 Jandarra Alpacas
 142 Woodlands Lane
 Pambula NSW 2549

Date Sample Taken -

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

Test No. JND31018

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **FLIRTATIOUS**

Micron Deviation : **-2.3 mic**
 >30 : **0.0 %**

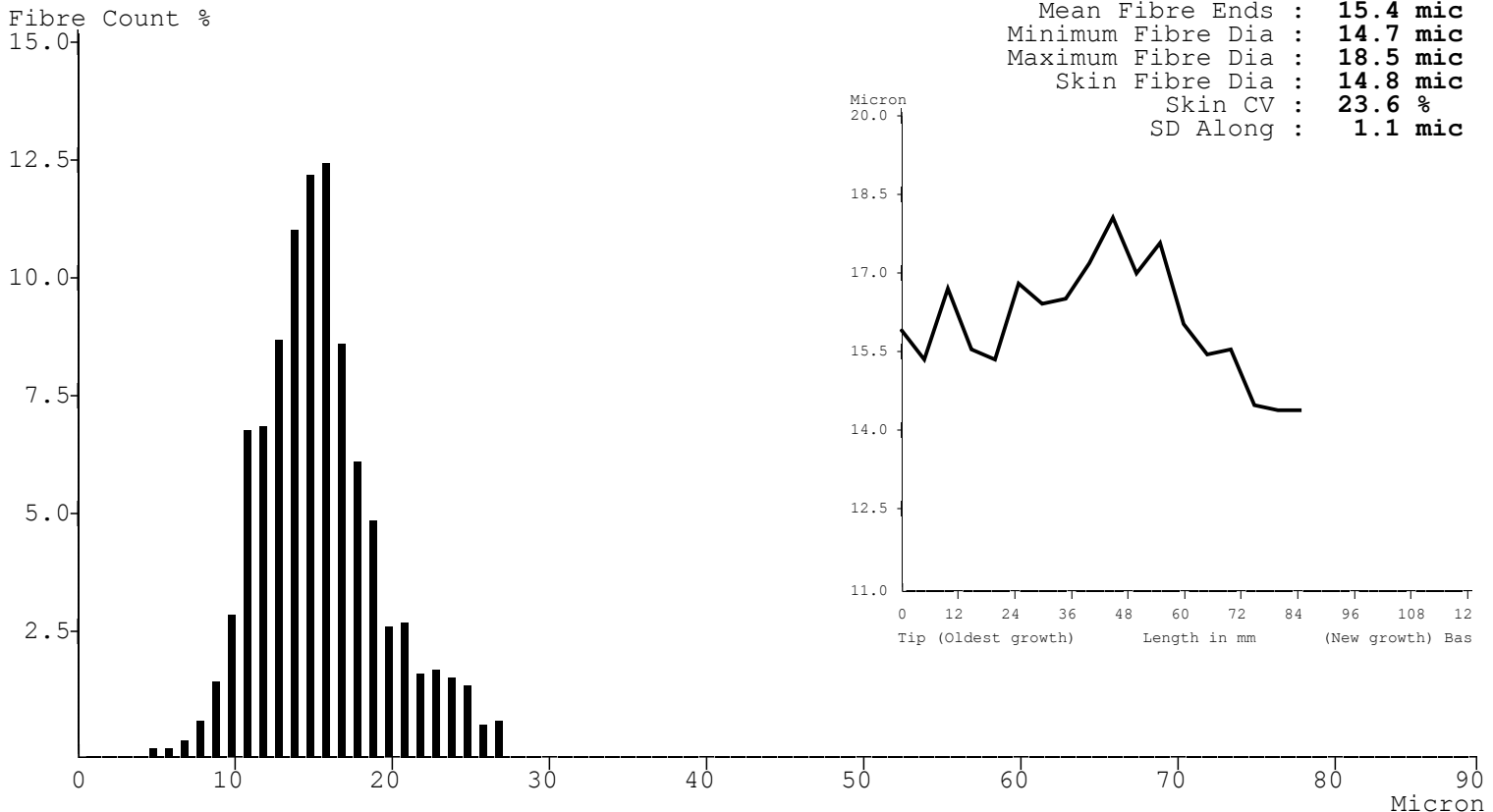
Micron : **15.8 mic**
 SD : **4.0 mic**
 CV : **25.3 %**
 CE : **2.4 %**
 SF : **16.0 mic**
 CF : **100.0 %**
 CRV : **53.4 Deg/mm**
 SDC : **42.0 Deg/mm**

Total Fibres counted : 2244

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

Micron Profile Graph

Staple Length : **85.0 mm**
 Finest Point From Tip : **80.0 mm**
 Mean Fibre Ends : **15.4 mic**
 Minimum Fibre Dia : **14.7 mic**
 Maximum Fibre Dia : **18.5 mic**
 Skin Fibre Dia : **14.8 mic**
 Skin CV : **23.6 %**
 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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **GUILTY LADY**

Micron Deviation : **+3.6 mic**
>30 : **4.8 %**

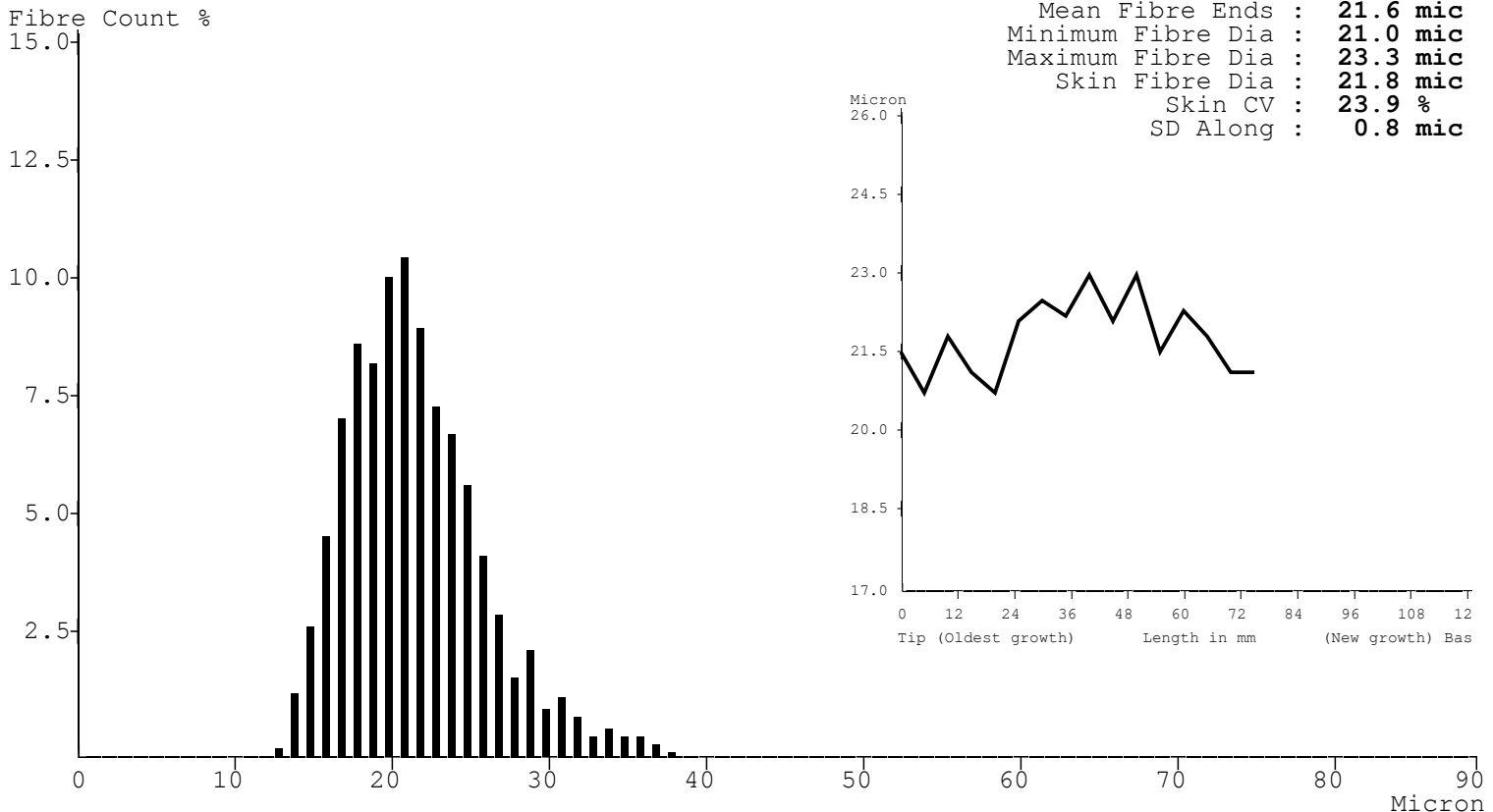
Micron : **21.7 mic**
SD : **4.4 mic**
CV : **20.3 %**
CE : **2.9 %**
SF : **21.0 mic**
CF : **95.2 %**
CRV : **46.2 Deg/mm**
SDC : **34.4 Deg/mm**

Total Fibres counted : 2427

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

Micron Profile Graph

Staple Length : **75.0 mm**
Finest Point From Tip : **5.0 mm**
Mean Fibre Ends : **21.6 mic**
Minimum Fibre Dia : **21.0 mic**
Maximum Fibre Dia : **23.3 mic**
Skin Fibre Dia : **21.8 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.

ALPACA FIBRE ANALYSIS

Client

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **JANIS JOPLIN**

Micron Deviation : **+2.4 mic**
>30 : **3.7 %**

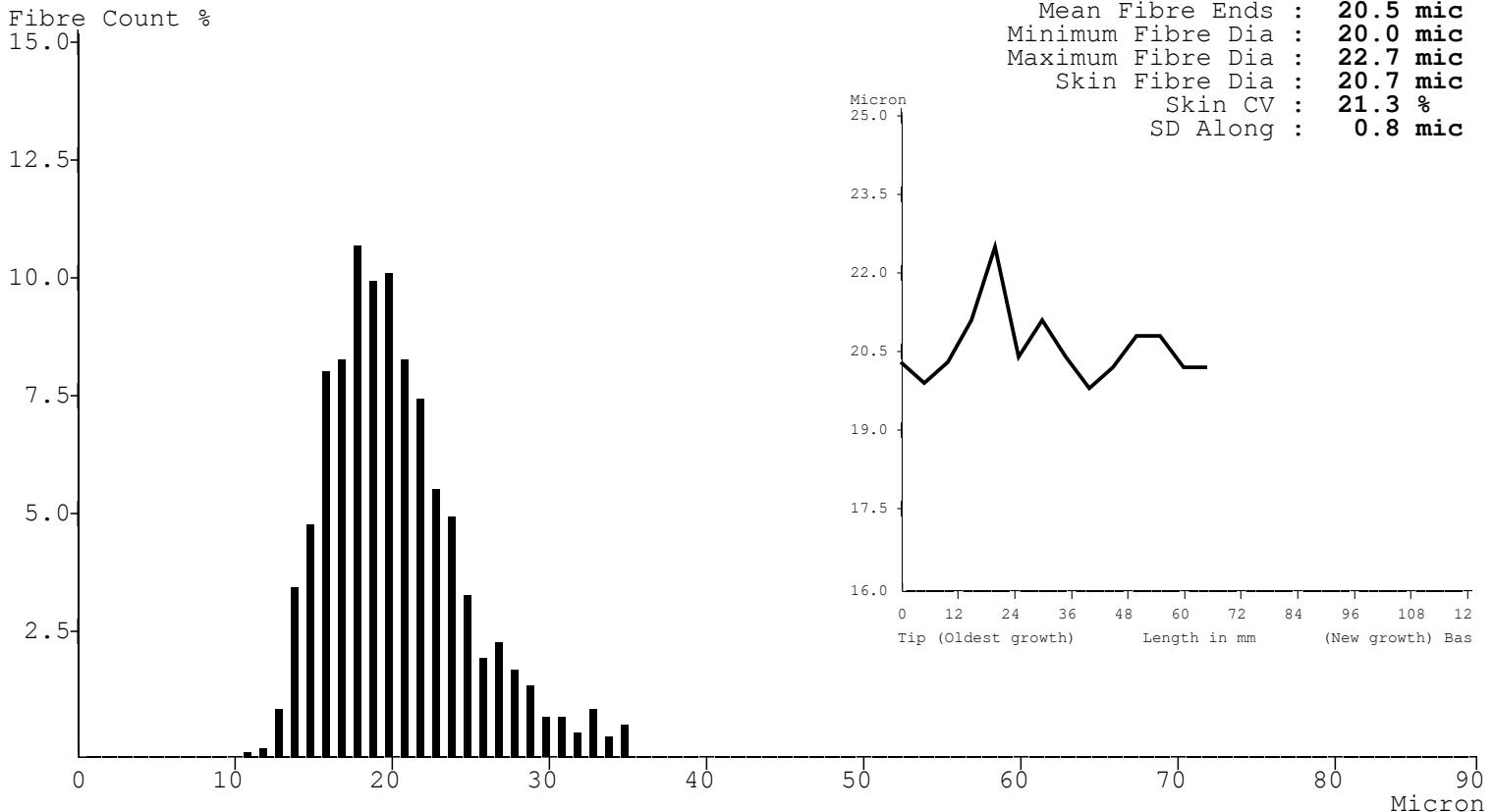
Micron : **20.5 mic**
SD : **4.3 mic**
CV : **21.0 %**
CE : **3.2 %**
SF : **20.0 mic**
CF : **96.3 %**
CRV : **51.6 Deg/mm**
SDC : **37.2 Deg/mm**

Total Fibres counted : 1944

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

Micron Profile Graph

Staple Length : **65.0 mm**
Finest Point From Tip : **40.0 mm**
Mean Fibre Ends : **20.5 mic**
Minimum Fibre Dia : **20.0 mic**
Maximum Fibre Dia : **22.7 mic**
Skin Fibre Dia : **20.7 mic**
Skin CV : **21.3 %**
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.

- ALPACA FIBRE ANALYSIS

Client

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **JONTY**

Micron Deviation : **-4.0 mic**
>30 : **0.0 %**

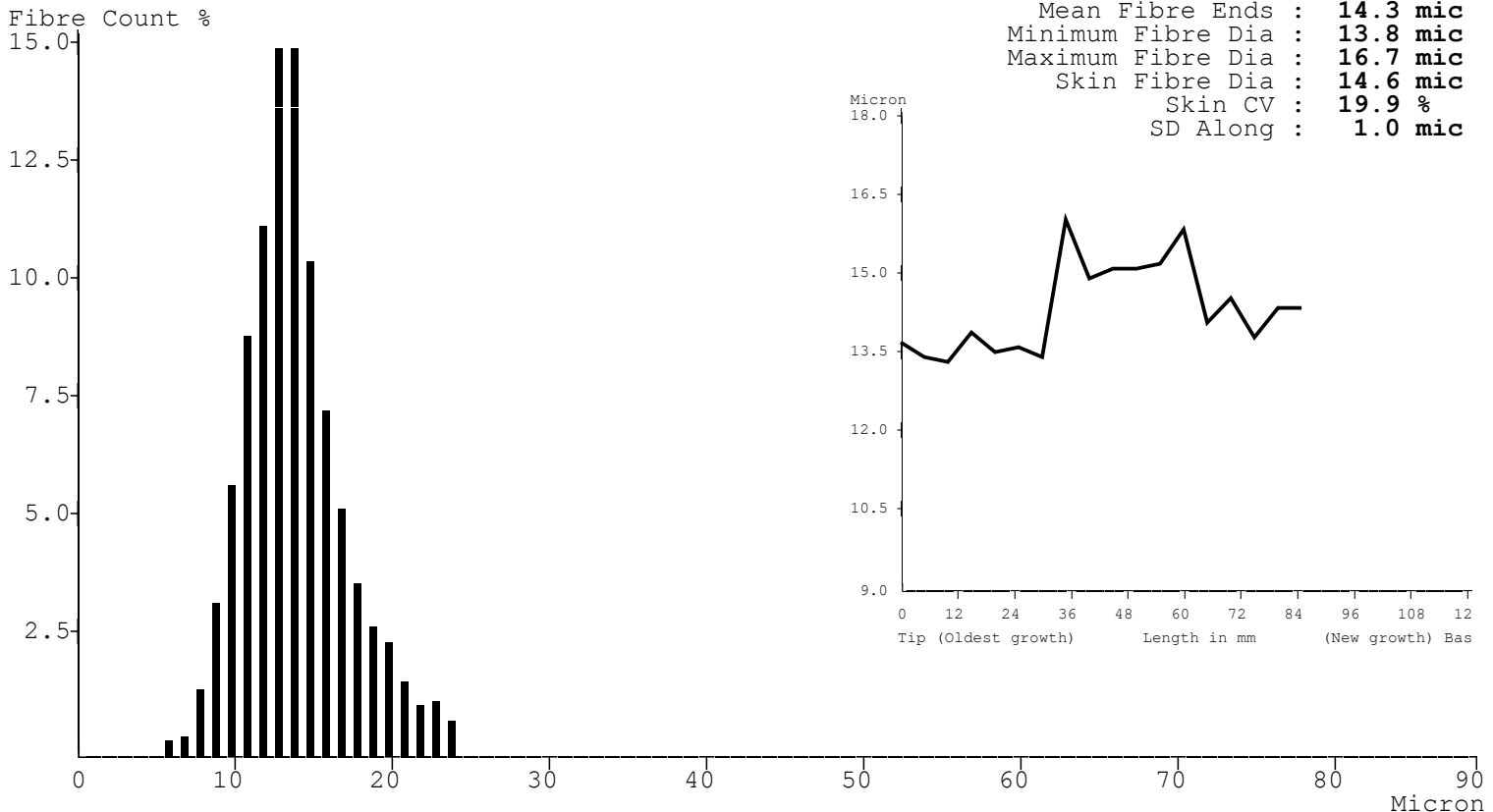
Micron : **14.1 mic**
SD : **3.3 mic**
CV : **23.4 %**
CE : **1.0 %**
SF : **14.0 mic**
CF : **100.0 %**
CRV : **40.7 Deg/mm**
SDC : **37.4 Deg/mm**

Total Fibres counted : 3296

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

Micron Profile Graph

Staple Length : **85.0 mm**
Finest Point From Tip : **10.0 mm**
Mean Fibre Ends : **14.3 mic**
Minimum Fibre Dia : **13.8 mic**
Maximum Fibre Dia : **16.7 mic**
Skin Fibre Dia : **14.6 mic**
Skin CV : **19.9 %**
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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **JTL**

Micron Deviation : **-0.2 mic**
>30 : **0.6 %**

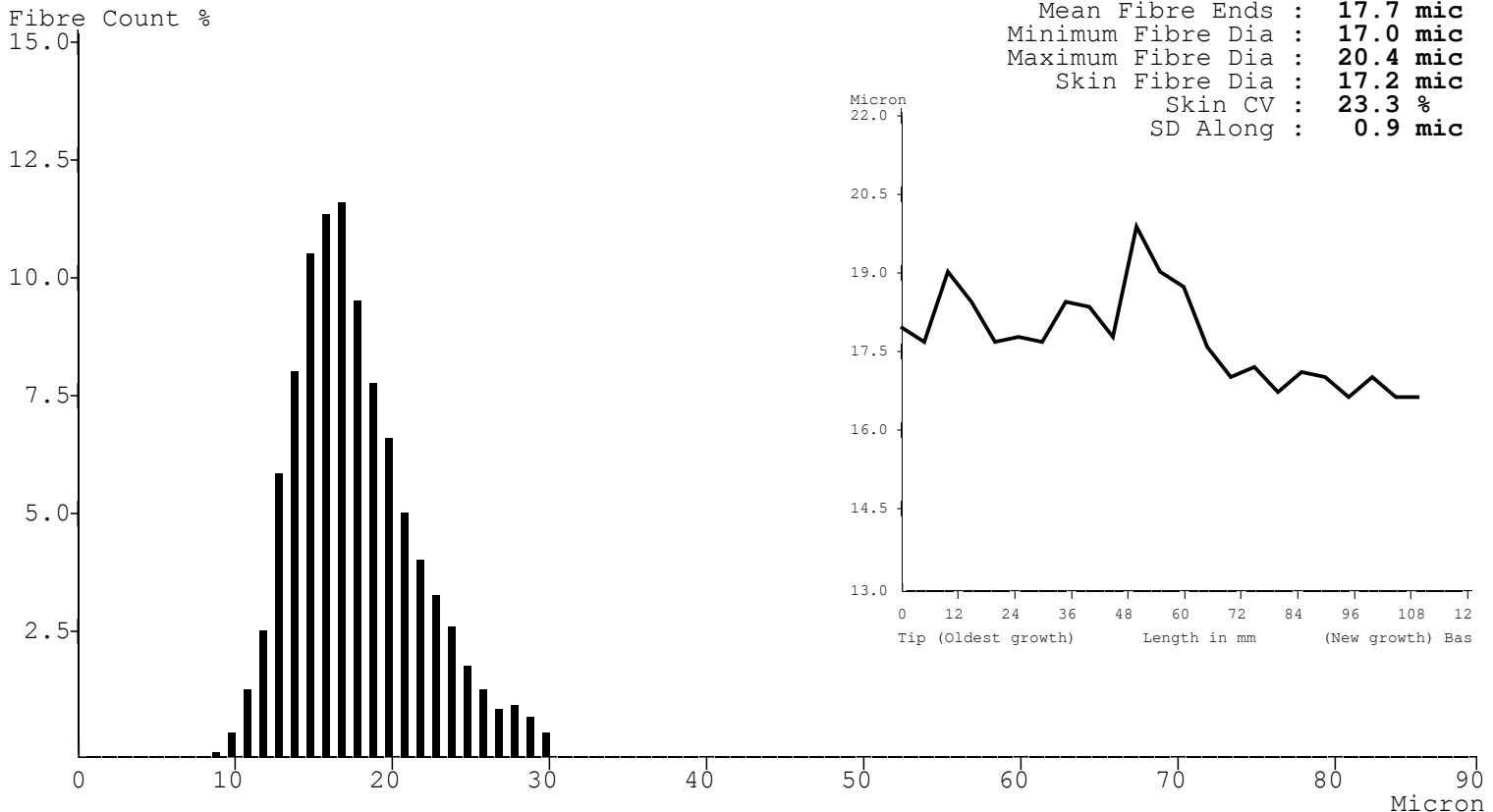
Micron : **17.9 mic**
SD : **3.9 mic**
CV : **21.8 %**
CE : **2.0 %**
SF : **17.5 mic**
CF : **99.4 %**
CRV : **42.2 Deg/mm**
SDC : **33.4 Deg/mm**

Total Fibres counted : 3784

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

Micron Profile Graph

Staple Length : **110.0 mm**
Finest Point From Tip : **105.0 mm**
Mean Fibre Ends : **17.7 mic**
Minimum Fibre Dia : **17.0 mic**
Maximum Fibre Dia : **20.4 mic**
Skin Fibre Dia : **17.2 mic**
Skin CV : **23.3 %**
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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **KARUS**

Micron Deviation : **-0.2 mic**
>30 : **0.5 %**

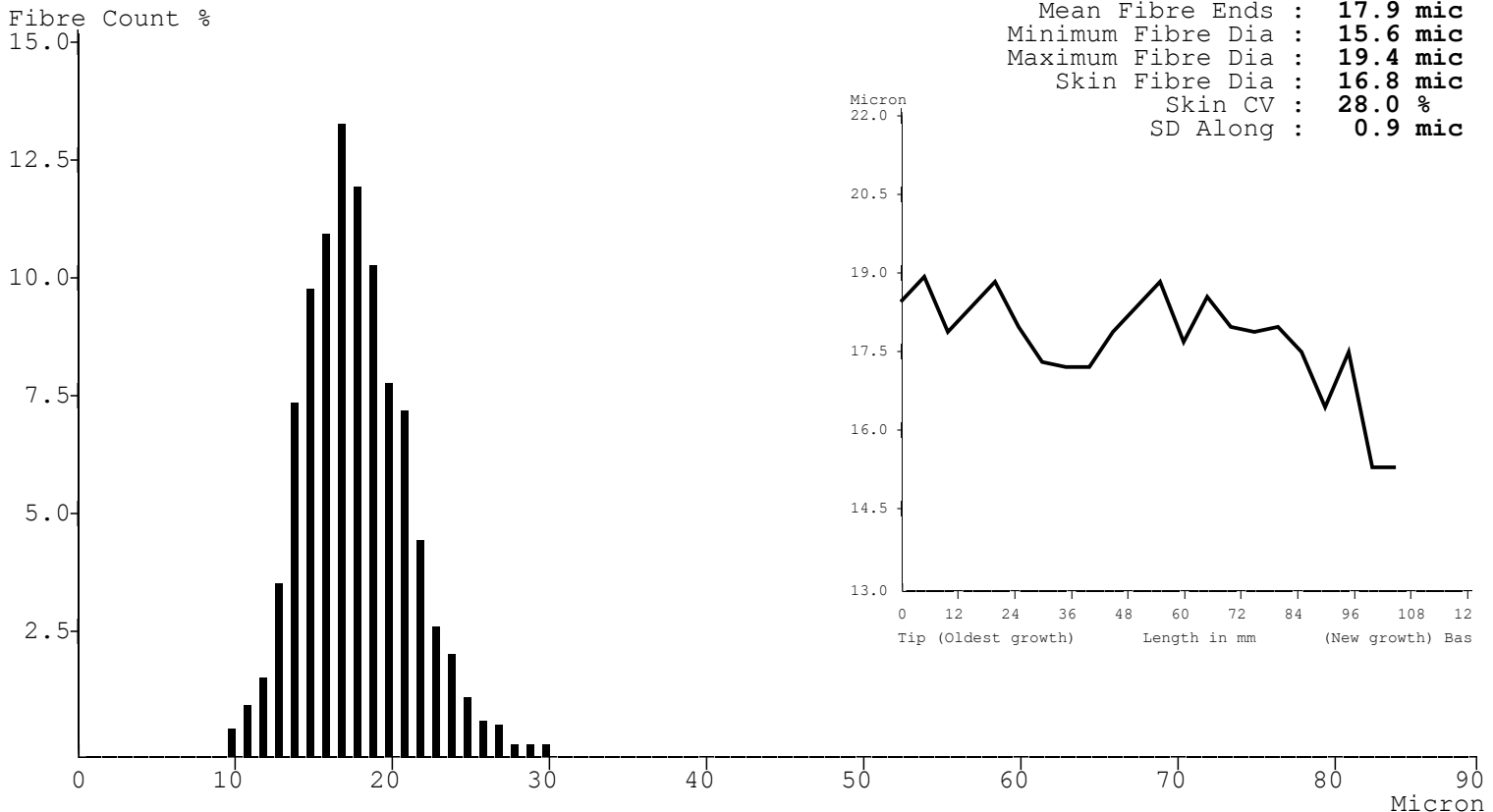
Micron : **17.9 mic**
SD : **3.3 mic**
CV : **18.4 %**
CE : **1.0 %**
SF : **17.1 mic**
CF : **99.5 %**
CRV : **50.0 Deg/mm**
SDC : **38.3 Deg/mm**

Total Fibres counted : 2727

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

Micron Profile Graph

Staple Length : **105.0 mm**
Finest Point From Tip : **100.0 mm**
Mean Fibre Ends : **17.9 mic**
Minimum Fibre Dia : **15.6 mic**
Maximum Fibre Dia : **19.4 mic**
Skin Fibre Dia : **16.8 mic**
Skin CV : **28.0 %**
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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **KYROPTONITE**

Micron Deviation : **-2.7 mic**
>30 : **0.0 %**

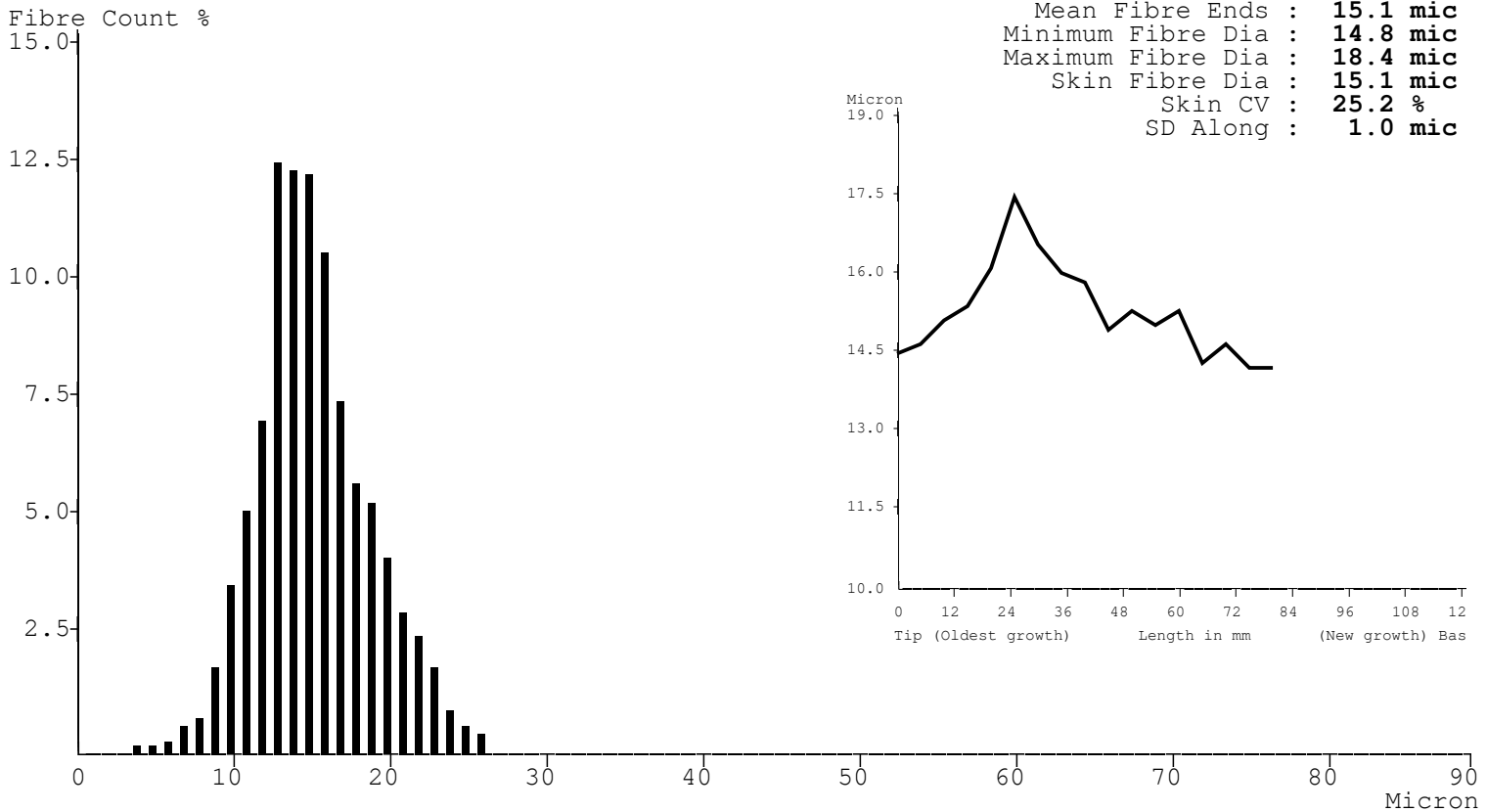
Micron : **15.4 mic**
SD : **3.6 mic**
CV : **23.4 %**
CE : **0.7 %**
SF : **15.3 mic**
CF : **100.0 %**
CRV : **41.6 Deg/mm**
SDC : **34.0 Deg/mm**

Total Fibres counted : 2320

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

Micron Profile Graph

Staple Length : **80.0 mm**
Finest Point From Tip : **75.0 mm**
Mean Fibre Ends : **15.1 mic**
Minimum Fibre Dia : **14.8 mic**
Maximum Fibre Dia : **18.4 mic**
Skin Fibre Dia : **15.1 mic**
Skin CV : **25.2 %**
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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **ODIN**

Micron Deviation : **-2.2 mic**
>30 : **0.0 %**

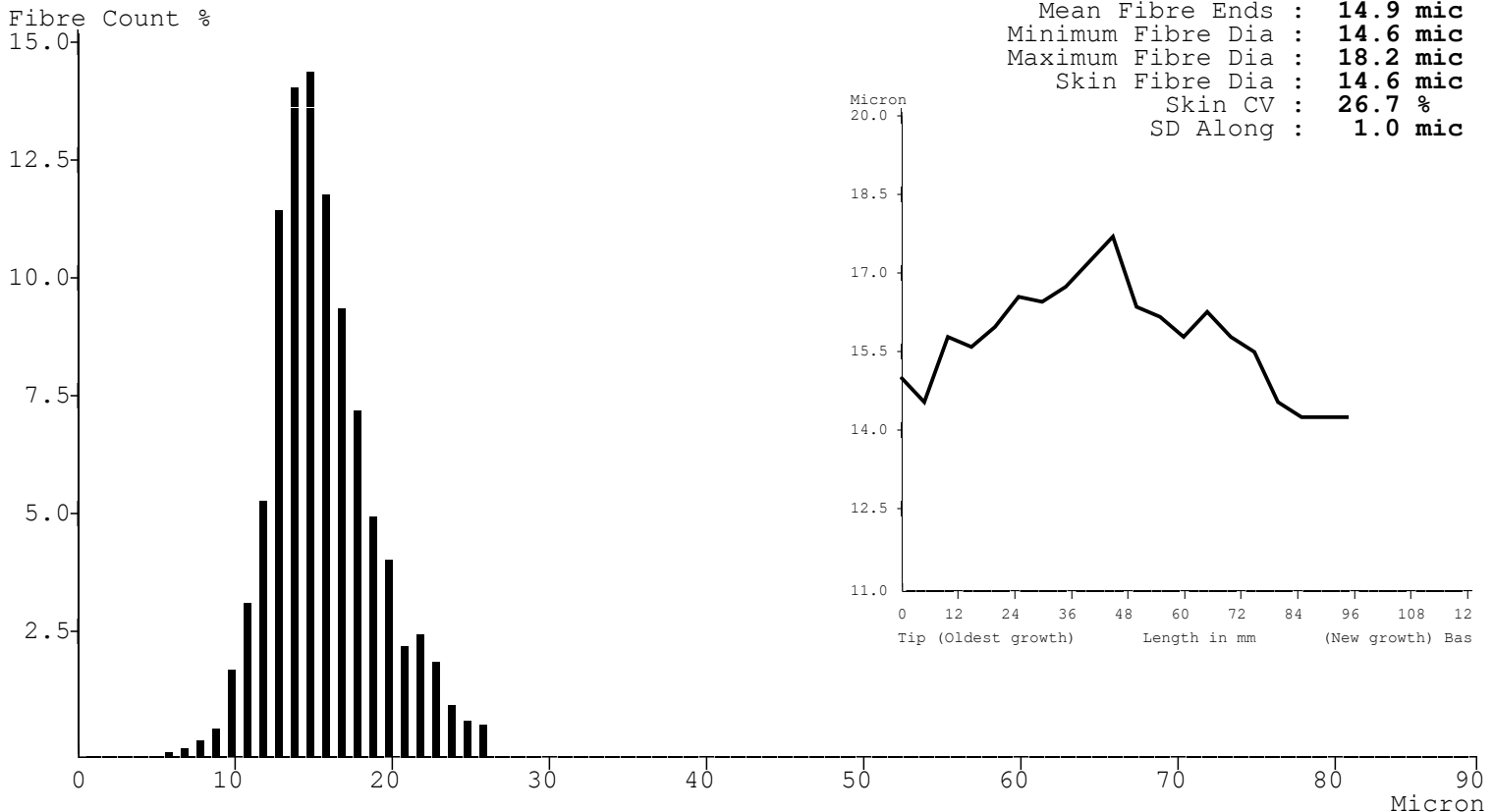
Micron : **15.9 mic**
SD : **3.3 mic**
CV : **20.8 %**
CE : **1.0 %**
SF : **15.4 mic**
CF : **100.0 %**
CRV : **51.5 Deg/mm**
SDC : **43.7 Deg/mm**

Total Fibres counted : 2265

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

Micron Profile Graph

Staple Length : **95.0 mm**
Finest Point From Tip : **90.0 mm**
Mean Fibre Ends : **14.9 mic**
Minimum Fibre Dia : **14.6 mic**
Maximum Fibre Dia : **18.2 mic**
Skin Fibre Dia : **14.6 mic**
Skin CV : **26.7 %**
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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **OPAL**

Micron Deviation : **-0.5 mic**
>30 : **0.3 %**

Micron : **17.6 mic**
SD : **3.3 mic**
CV : **18.8 %**
CE : **1.0 %**
SF : **16.8 mic**
CF : **99.7 %**
CRV : **54.0 Deg/mm**
SDC : **37.8 Deg/mm**

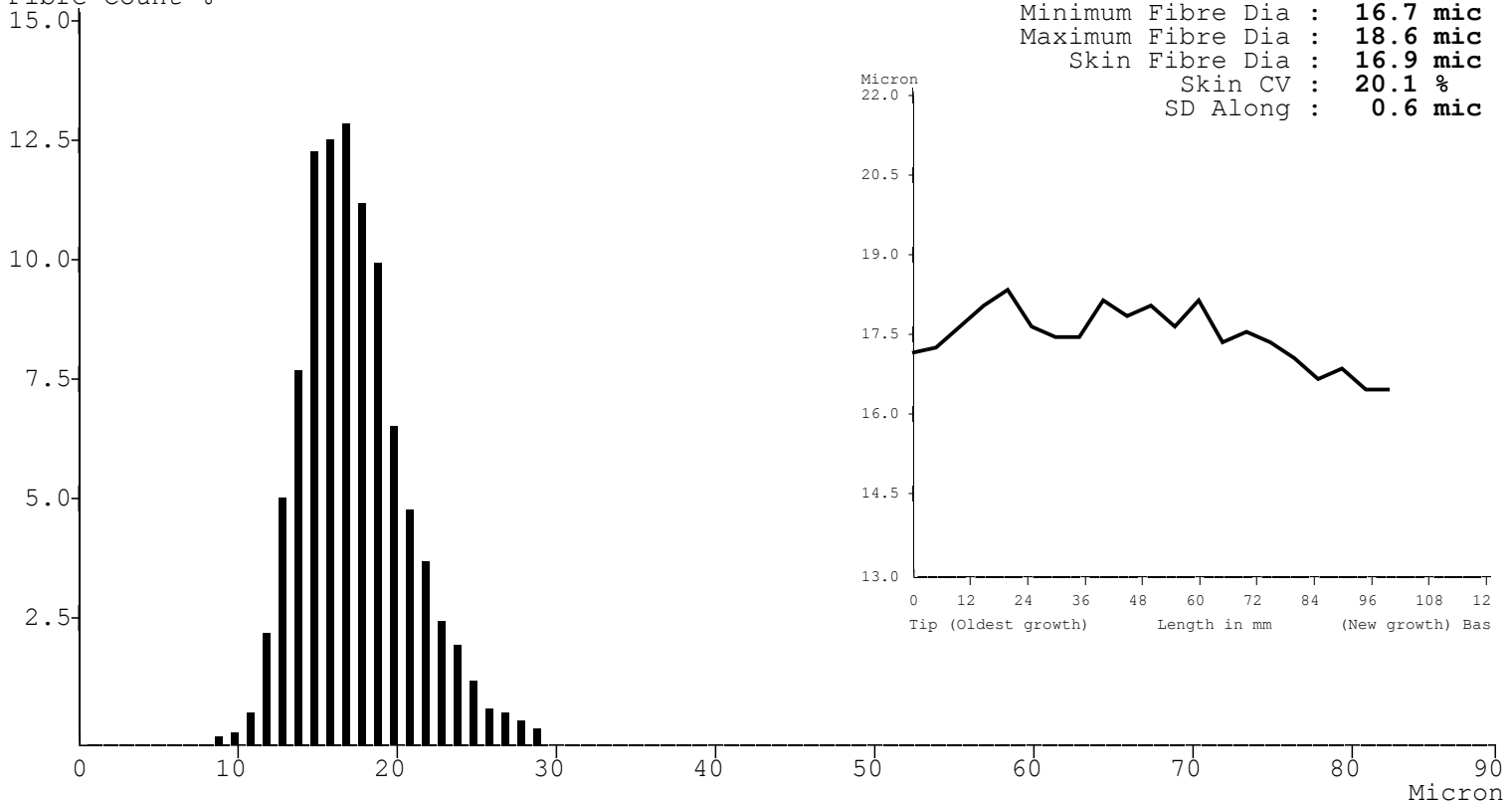
Total Fibres counted : 3156

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

Micron Profile Graph

Staple Length : **100.0 mm**
Finest Point From Tip : **95.0 mm**
Mean Fibre Ends : **17.2 mic**
Minimum Fibre Dia : **16.7 mic**
Maximum Fibre Dia : **18.6 mic**
Skin Fibre Dia : **16.9 mic**
Skin CV : **20.1 %**
SD Along : **0.6 mic**

Fibre Count %



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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **RAINA**

Micron Deviation : **-1.2 mic**
>30 : **0.0 %**

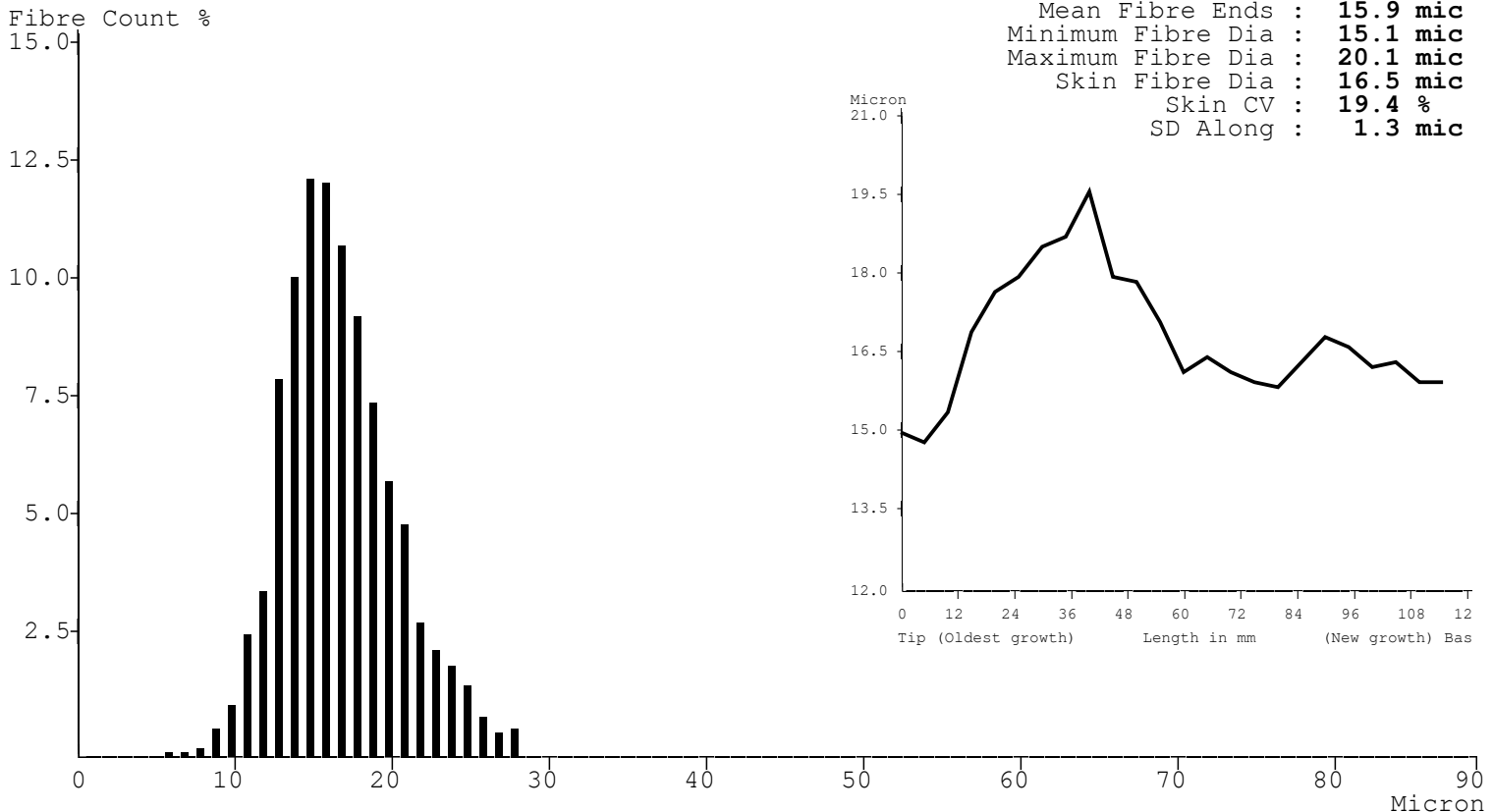
Micron : **16.9 mic**
SD : **3.6 mic**
CV : **21.3 %**
CE : **1.1 %**
SF : **16.5 mic**
CF : **100.0 %**
CRV : **50.3 Deg/mm**
SDC : **38.3 Deg/mm**

Total Fibres counted : 3380

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

Micron Profile Graph

Staple Length : **115.0 mm**
Finest Point From Tip : **5.0 mm**
Mean Fibre Ends : **15.9 mic**
Minimum Fibre Dia : **15.1 mic**
Maximum Fibre Dia : **20.1 mic**
Skin Fibre Dia : **16.5 mic**
Skin CV : **19.4 %**
SD Along : **1.3 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

Jandarra Alpacas
142 Woodlands Lane
Pambula NSW 2549

Date Sample Taken -

Test No. JND31018

Contact :- Micron Man

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

Group ID. FULL GROUP T HIGH ON

Wool Growth - months

Age at Sample Date - months

Eartag : **WOODSTOCK**

Micron Deviation : **-1.9 mic**
>30 : **0.0 %**

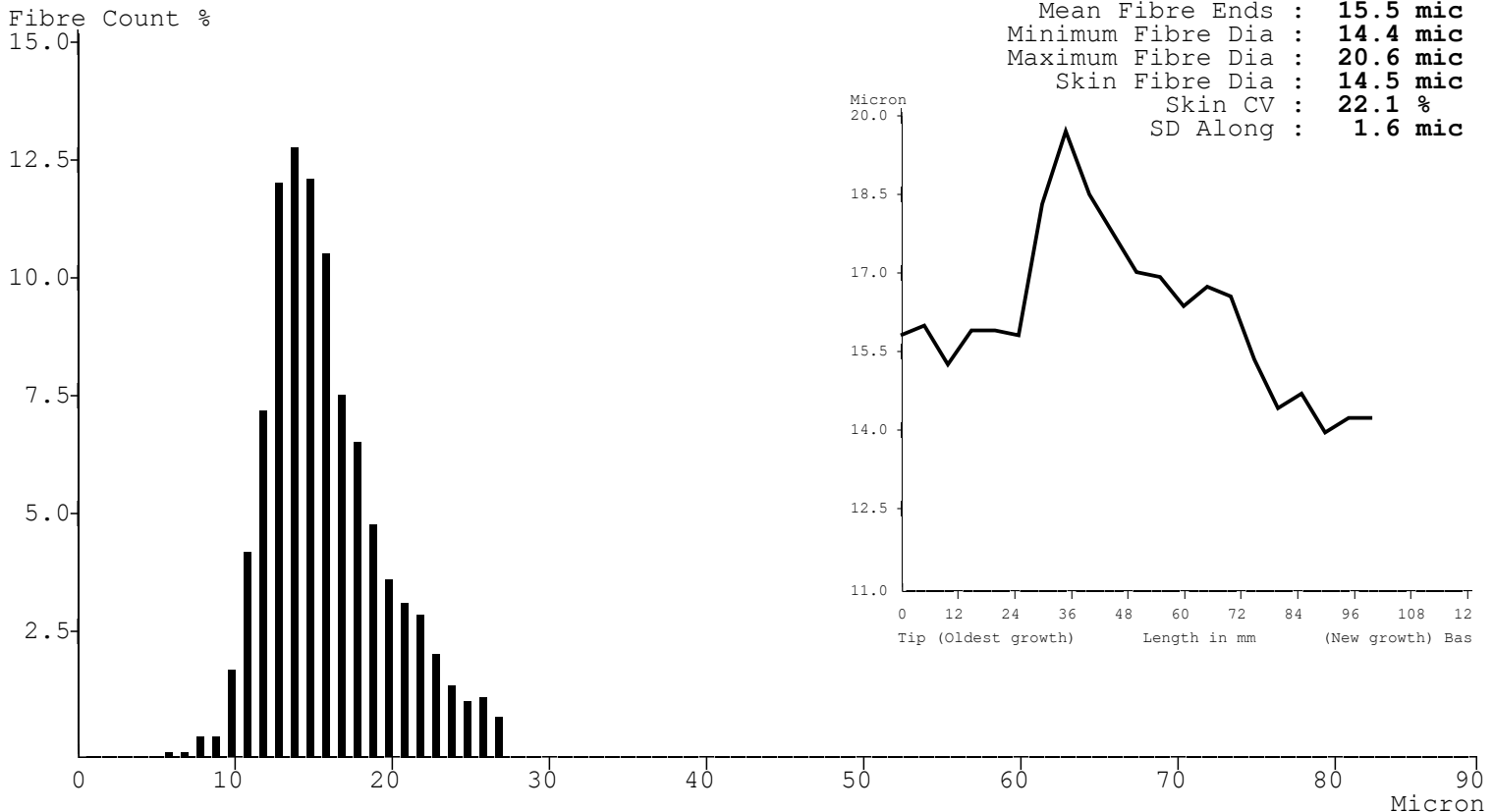
Micron : **16.2 mic**
SD : **3.8 mic**
CV : **23.5 %**
CE : **2.0 %**
SF : **16.1 mic**
CF : **100.0 %**
CRV : **52.6 Deg/mm**
SDC : **38.6 Deg/mm**

Total Fibres counted : 2333

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

Micron Profile Graph

Staple Length : **100.0 mm**
Finest Point From Tip : **90.0 mm**
Mean Fibre Ends : **15.5 mic**
Minimum Fibre Dia : **14.4 mic**
Maximum Fibre Dia : **20.6 mic**
Skin Fibre Dia : **14.5 mic**
Skin CV : **22.1 %**
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.