

**MAN - MEASUREMENT SUMMARY**Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -  
Test No. JNF21075

Wool Growth - 12 months

Contact :- Micron Man

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

Group ID. JFI

Age at Sample Date - months

**TRAIT VARIATION SUMMARY**

Trait	Average	Min	Max	More than 5% below Avg		+/- 5% around Avg		More than 5% above Avg	
FD (um)	25.40	18.9	37.8	13	46.4%	6	21.4%	9	32.1%
SD (um)	7.08	4.7	11.9	13	46.4%	6	21.4%	9	32.1%
CV %	27.84	21.4	34.7	14	50.0%	4	14.3%	10	35.7%
CE %	6.73	2.4	16.9	15	53.6%	4	14.3%	9	32.1%
FEM (um)	8.75	6.3	14.6	14	50.0%	5	17.9%	9	32.1%
CEM (um)	13.24	8.5	25.0	17	60.7%	2	7.1%	9	32.1%
SF (um)	26.41	20.3	39.2	13	46.4%	6	21.4%	9	32.1%
CURVE	15.57	11.3	22.7	14	50.0%	3	10.7%	11	39.3%
%>30	19.45	3.2	78.0	17	60.7%	5	17.9%	6	21.4%

GFW (Kg)  
Yield %  
CFW (Kg)  
BWT (Kg)  
SS (N/ctx)

0 results are at or below SD of 4.0 = 0.0%

5 results are at or below CV of 25% = 17.9%

4 results are at or below %>30 of 5% = 14.3%

**MOB FIBRE DIAMETER BREAKDOWN**

FD (um) Split	No of Samples	%	Total GFW	AVG GFW	Total CFW	AVG CFW	AVG BWT
<=20	3	10.7%					
21	1	3.6%					
22	2	7.1%					
23	3	10.7%					
24	4	14.3%					
25	4	14.3%					
26	3	10.7%					
27	2	7.1%					
28	1	3.6%					
29	2	7.1%					
>=30	3	10.7%					

TOTALS 28

## MAN - MOB AVERAGE REPORT

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

Contact :- Micron Man

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1511 Cawongla Road  
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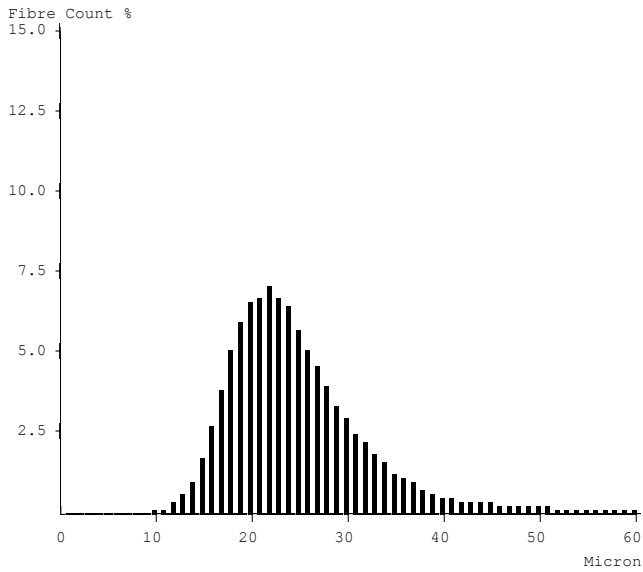
Our Phone (08)94181733  
P.O. Box 1423  
Bibra Lake W.A. 6965

Group ID. JFI

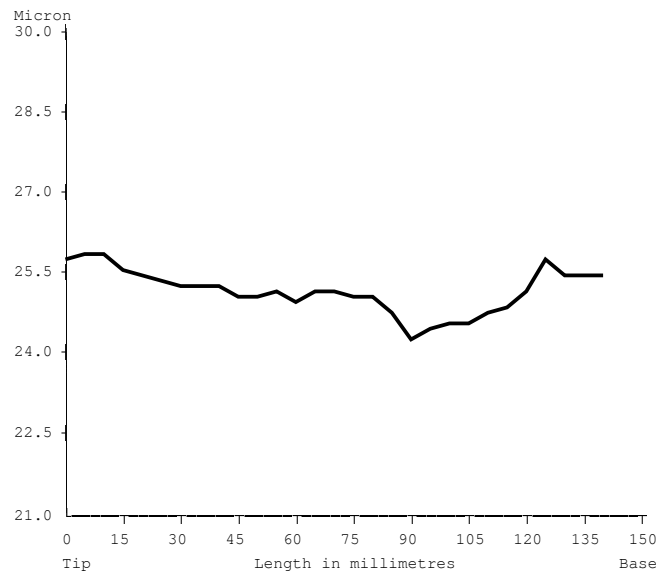
Wool Growth - 12 months

Age at Sample Date - months

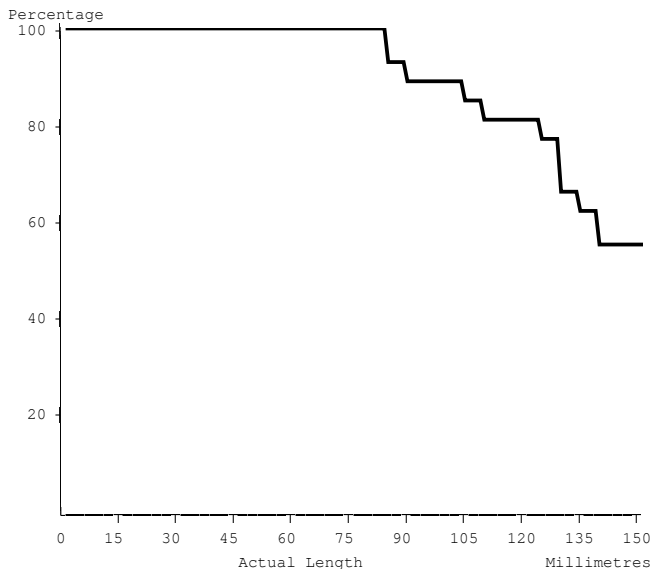
### MOB AVERAGE MICRON HISTOGRAM



### MOB AVERAGE MICRON PROFILE GRAPH



### MOB AVERAGE LENGTH DISTRIBUTION



### AVERAGE MOB DATA

Number of Samples : 28  
 Average Micron : 25.4 mic  
 Average CV : 27.8 %  
 Average SD : 7.1 mic  
 Average CF : 80.5 %  
 Average CE : 6.7 %  
 Average SF : 26.4 mic  
 Average CRV : 15.6 Dg/mm  
 Average SDC : 17.9 Dg/mm  
 Average Staple Length : 141.1 mm  
 Average Finest Point FT : 51.4 mm  
 Average Mean Fibre Ends : 25.9 mic  
 Average Minimum Fibre Dia : 23.4 mic  
 Average Maximum Fibre Dia : 28.0 mic  
 Average Skin Dia : 26.0 mic  
 Average Skin CV : 26.9 %



# MAN - EARTAG SORTED REPORT

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

Alpaca Eartag		MIC Rank	MIC AVG	MIC DEV	SD Mic	CV %	SF Mic	CF %
Averages			25.4		7.1	27.8	26.4	80.5
ATHENA	250809	14	25.0	-0.4	7.3	29.1	26.3	84.5
AVATAR	250805	16	25.4	+0.0	7.9	31.1	27.3	80.4
BILLY	243433	20	26.8	+1.4	7.4	27.6	27.7	77.8
CHAMELEON	236414	15	25.2	-0.2	8.8	34.7	28.1	84.8
CINNAMON	236419	3	20.9	-4.5	5.6	26.9	21.5	93.9
DREAMBELL	250803	18	26.4	+1.0	7.1	26.9	27.1	80.8
EMMA TOO	236401	25	35.7	+10.3	11.9	33.2	39.2	40.7
FAIRYLIGHT	236418	12	24.2	-1.2	6.1	25.0	24.4	90.4
FLAVIA	169532	22	28.5	+3.1	8.2	28.9	29.9	71.8
GOLD DUST	250806	13	24.9	-0.5	6.8	27.2	25.7	86.5
JESSE	250801	7	23.1	-2.3	5.8	25.2	23.4	92.5
JUDY GIRL	250807	8	23.2	-2.2	5.6	24.3	23.3	92.9
KIRSTY	243432	21	28.4	+3.0	7.2	25.6	28.8	66.1
MICHOLITTA	157412	5	22.0	-3.4	4.7	21.4	21.5	95.7
MOON DUST	169527	17	25.7	+0.3	6.8	26.4	26.3	85.0
MR CHARMIN	215076	11	23.8	-1.6	6.4	26.8	24.4	88.4
ODETTE	236409	23	28.8	+3.4	9.0	31.3	31.0	67.2
ODIN	250808	9	23.5	-1.9	6.4	27.1	24.2	88.5
PETER PAN	236410	10	23.7	-1.7	6.4	27.1	24.4	88.5
PRINCESS A	250810	4	21.9	-3.5	6.0	27.3	22.6	94.3
RAINDROPS	236421	17	25.7	+0.3	7.7	30.0	27.3	83.0
ROSEWOOD	250804	2	20.4	-5.0	4.8	23.5	20.3	96.8
ROY PRINCE	250802	6	22.5	-2.9	6.2	27.5	23.3	90.8
ROYALDREAM	178382	19	26.7	+1.3	8.3	31.1	28.7	77.0
SPIRIT	250813	1	18.9	-6.5	6.0	31.9	20.5	95.5
WENDY	250812	1	18.9	-6.5	6.0	31.9	20.5	95.8
WICCA	176576	24	33.2	+7.8	8.5	25.7	33.7	43.7
WISHLIST	129882	26	37.8	+12.4	9.4	24.8	38.1	22.0



# MICRON MAN - MICRON SORTED REPORT

Client  
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 Larnook NSW 2480

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

Contact :- Micron Man  
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Date Sample Taken -  
 Test No. JNF21075

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Alpaca Eartag	MIC Rank	MIC AVG	MIC DEV	SD Mic	CV %	SF Mic	CF %
Averages		25.4		7.1	27.8	26.4	80.5
WENDY	250812	1 18.9	-6.5	6.0	31.9	20.5	95.8
SPIRIT	250813	1 18.9	-6.5	6.0	31.9	20.5	95.5
ROSEWOOD	250804	2 20.4	-5.0	4.8	23.5	20.3	96.8
CINNAMON	236419	3 20.9	-4.5	5.6	26.9	21.5	93.9
PRINCESS A	250810	4 21.9	-3.5	6.0	27.3	22.6	94.3
MICHOLITTA	157412	5 22.0	-3.4	4.7	21.4	21.5	95.7
ROY PRINCE	250802	6 22.5	-2.9	6.2	27.5	23.3	90.8
JESSE	250801	7 23.1	-2.3	5.8	25.2	23.4	92.5
JUDY GIRL	250807	8 23.2	-2.2	5.6	24.3	23.3	92.9
ODIN	250808	9 23.5	-1.9	6.4	27.1	24.2	88.5
PETER PAN	236410	10 23.7	-1.7	6.4	27.1	24.4	88.5
MR CHARMIN	215076	11 23.8	-1.6	6.4	26.8	24.4	88.4
FAIRYLIGHT	236418	12 24.2	-1.2	6.1	25.0	24.4	90.4
GOLD DUST	250806	13 24.9	-0.5	6.8	27.2	25.7	86.5
ATHENA	250809	14 25.0	-0.4	7.3	29.1	26.3	84.5
CHAMELEON	236414	15 25.2	-0.2	8.8	34.7	28.1	84.8
AVATAR	250805	16 25.4	+0.0	7.9	31.1	27.3	80.4
MOON DUST	169527	17 25.7	+0.3	6.8	26.4	26.3	85.0
RAINDROPS	236421	17 25.7	+0.3	7.7	30.0	27.3	83.0
DREAMBELL	250803	18 26.4	+1.0	7.1	26.9	27.1	80.8
ROYALDREAM	178382	19 26.7	+1.3	8.3	31.1	28.7	77.0
BILLY	243433	20 26.8	+1.4	7.4	27.6	27.7	77.8
KIRSTY	243432	21 28.4	+3.0	7.2	25.6	28.8	66.1
FLAVIA	169532	22 28.5	+3.1	8.2	28.9	29.9	71.8
ODETTE	236409	23 28.8	+3.4	9.0	31.3	31.0	67.2
WICCA	176576	24 33.2	+7.8	8.5	25.7	33.7	43.7
EMMA TOO	236401	25 35.7	+10.3	11.9	33.2	39.2	40.7
WISHLIST	129882	26 37.8	+12.4	9.4	24.8	38.1	22.0

**Client**

Jeneric Farms  
1511 Cawongla Road  
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Test Number - JNF21075  
Group ID. - JFI  
Wool Growth - 12 months

Date Sample Taken -

Age at Sample Date - months

Contact :- Micron Man  
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P.O. Box 1423  
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Alpaca Eartag	MIC Rank	MIC AVG	MIC DEV	SD Mic	CV %	SL mm	Skin Mic	Skin CV	FPFT mm	MFE Mic	CE %	CF %	<15 %	SDA Mic	CRV Dg/mm	SDC Dg/mm	>30 %	Bulk cc/gm
Averages		25.4	7.1	27.8	141.1	26.0	26.9	51.4	25.9	6.7	80.5	2.5	1.2	15.6	17.9	19.5	0.0	
129882	26	37.8	+12.4	9.4	24.8	85.0	38.3	23.5	0.0	37.7	11.9	22.0	0.0	1.1	11.9	12.5	78.0	0.0
157412	5	22.0	-3.4	4.7	21.4	85.0	22.5	21.8	55.0	22.7	2.4	95.7	1.3	0.7	17.1	19.7	4.3	0.0
169527	17	25.7	+0.3	6.8	26.4	110.0	26.4	25.0	55.0	26.7	5.5	85.0	0.1	1.1	14.0	16.0	15.0	0.0
169532	22	28.5	+3.1	8.2	28.9	130.0	29.0	32.4	95.0	29.5	8.7	71.8	0.7	0.9	13.4	16.3	28.2	0.0
176576	24	33.2	+7.8	8.5	25.7	90.0	32.8	24.4	15.0	32.3	10.8	43.7	0.1	1.0	11.4	13.3	56.3	0.0
178382	19	26.7	+1.3	8.3	31.1	105.0	25.6	28.1	45.0	26.1	8.7	77.0	0.2	1.0	14.5	15.7	23.0	0.0
215076	11	23.8	-1.6	6.4	26.8	125.0	23.5	26.4	100.0	24.5	5.1	88.4	1.1	0.9	17.7	19.9	11.6	0.0
236401	25	35.7	+10.3	11.9	33.2	140.0	33.9	31.6	90.0	35.0	16.9	40.7	0.1	1.8	11.3	11.4	59.3	0.0
236409	23	28.8	+3.4	9.0	31.3	140.0	28.2	30.5	50.0	28.7	11.2	67.2	0.2	1.0	12.5	13.2	32.8	0.0
236410	10	23.7	-1.7	6.4	27.1	130.0	24.8	25.8	25.0	24.2	5.3	88.5	1.1	1.2	15.3	17.6	11.5	0.0
236414	15	25.2	-0.2	8.8	34.7	160.0	24.8	34.7	65.0	27.5	8.6	84.8	0.8	2.0	15.1	15.9	15.2	0.0
236418	12	24.2	-1.2	6.1	25.0	130.0	23.2	24.1	120.0	24.2	4.0	90.4	0.4	0.7	13.7	16.4	9.6	0.0
236419	3	20.9	-4.5	5.6	26.9	155.0	22.5	32.0	90.0	21.4	5.4	93.9	4.8	0.8	18.1	21.3	6.1	0.0
236421	17	25.7	+0.3	7.7	30.0	135.0	25.5	24.3	0.0	24.0	7.9	83.0	0.7	1.6	12.8	14.5	17.0	0.0
243432	21	28.4	+3.0	7.2	25.6	160.0	28.4	23.2	20.0	28.4	6.4	66.1	0.2	0.9	13.4	14.9	33.9	0.0
243433	20	26.8	+1.4	7.4	27.6	150.0	28.1	28.8	35.0	28.0	6.2	77.8	0.5	1.1	12.9	16.2	22.2	0.0
250801	7	23.1	-2.3	5.8	25.2	160.0	24.0	22.1	60.0	24.2	4.4	92.5	0.7	1.0	19.0	22.0	7.5	0.0
250802	6	22.5	-2.9	6.2	27.5	160.0	24.0	27.5	70.0	23.7	6.2	90.8	3.0	1.0	16.9	19.7	9.2	0.0
250803	18	26.4	+1.0	7.1	26.9	160.0	25.5	28.2	155.0	27.1	5.6	80.8	1.1	1.1	12.9	15.7	19.2	0.0
250804	2	20.4	-5.0	4.8	23.5	160.0	21.3	23.9	30.0	21.1	3.0	96.8	4.5	0.8	21.0	24.1	3.2	0.0
250805	16	25.4	+0.0	7.9	31.1	160.0	24.0	27.1	50.0	24.7	8.7	80.4	0.8	1.2	14.3	16.5	19.6	0.0
250806	13	24.9	-0.5	6.8	27.2	160.0	26.8	27.6	65.0	26.1	5.2	86.5	0.7	1.4	14.5	19.7	13.5	0.0
250807	8	23.2	-2.2	5.6	24.3	160.0	23.0	23.5	10.0	22.9	3.8	92.9	1.3	0.9	17.6	19.7	7.1	0.0
250808	9	23.5	-1.9	6.4	27.1	160.0	28.0	28.6	60.0	26.9	6.0	88.5	1.6	2.2	16.8	20.8	11.5	0.0
250809	14	25.0	-0.4	7.3	29.1	160.0	27.0	30.4	30.0	25.5	5.9	84.5	1.2	1.1	15.0	15.7	15.5	0.0
250810	4	21.9	-3.5	6.0	27.3	160.0	22.9	18.3	15.0	22.2	4.4	94.3	2.5	1.4	18.7	20.9	5.7	0.0
250812	1	18.9	-6.5	6.0	31.9	160.0	20.8	31.7	35.0	19.5	4.7	95.8	19.8	1.2	22.7	27.8	4.2	0.0
250813	1	18.9	-6.5	6.0	31.9	160.0	22.1	27.6	0.0	19.0	5.6	95.5	21.8	1.7	21.6	23.6	4.5	0.0





# MAN - SD CURVATURE REPORT

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -  
Test No. JNF21075

Wool Growth - 12 months

Contact :- Micron Man

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

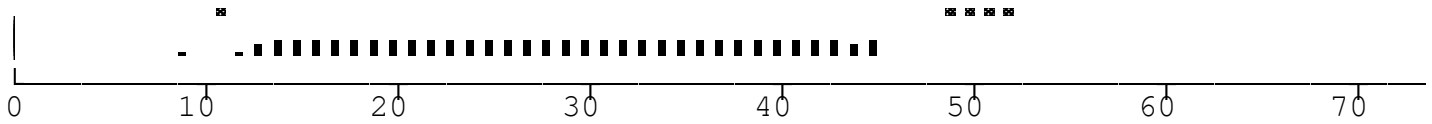
Group ID. JFI

Age at Sample Date - months

Eartag	SDC	Curve	Eartag	SDC	Curve	Eartag	SDC	Curve
236401	11.4	11.3						
129882	12.5	11.9						
236409	13.2	12.5						
176576	13.3	11.4						
236421	14.5	12.8						
243432	14.9	13.4						
178382	15.7	14.5						
250809	15.7	15.0						
250803	15.7	12.9						
236414	15.9	15.1						
169527	16.0	14.0						
243433	16.2	12.9						
169532	16.3	13.4						
236418	16.4	13.7						
250805	16.5	14.3						
236410	17.6	15.3						
157412	19.7	17.1						
250807	19.7	17.6						
250806	19.7	14.5						
250802	19.7	16.9						
215076	19.9	17.7						
250808	20.8	16.8						
250810	20.9	18.7						
236419	21.3	18.1						
250801	22.0	19.0						
250813	23.6	21.6						
250804	24.1	21.0						
250812	27.8	22.7						







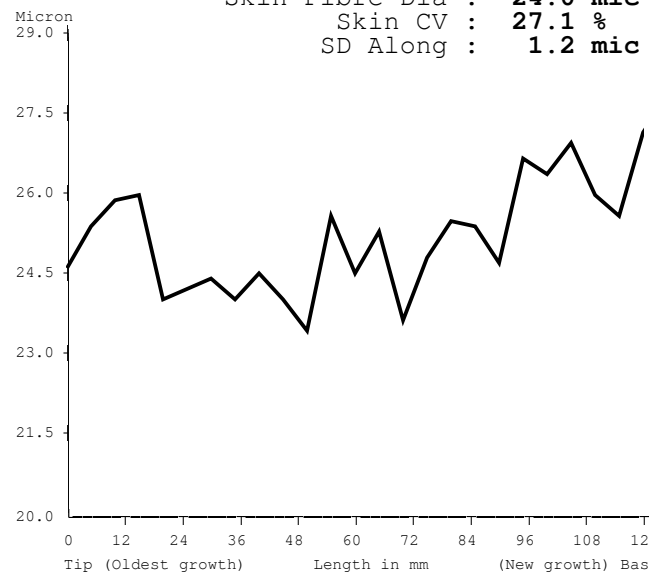
EXPLANATION OF TERMS

- 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.

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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



## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **20.7 %**

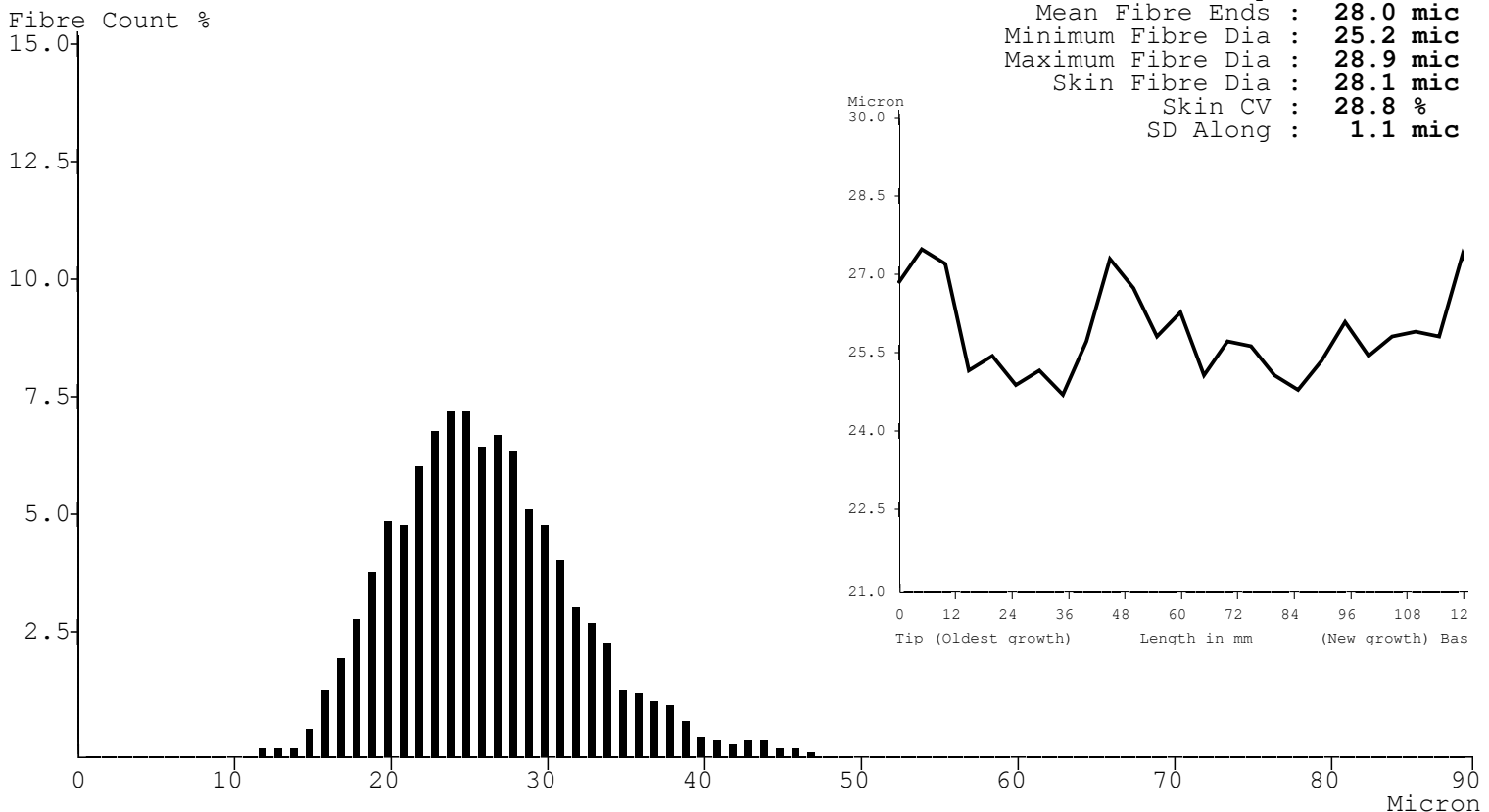
Micron : **26.2 mic**  
SD : **5.8 mic**  
CV : **22.1 %**  
CE : **5.2 %**  
SF : **25.7 mic**  
CF : **79.3 %**  
CRV : **12.9 Deg/mm**  
SDC : **16.2 Deg/mm**

Total Fibres counted : 4511

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **CHAMELEON**

IAR Number : **236414**  
Micron Deviation : **-0.9 mic**  
>30 : **11.7 %**

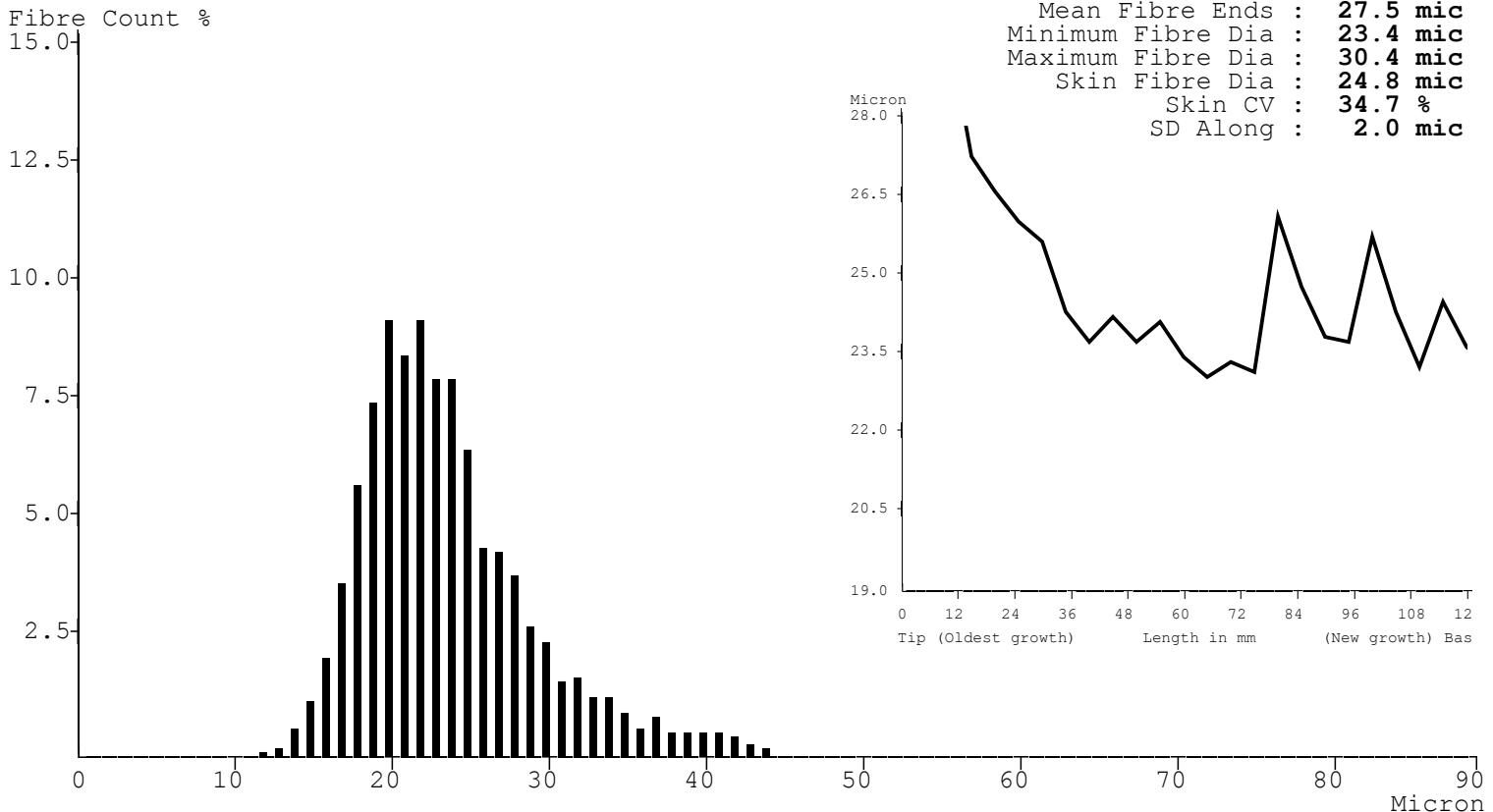
Micron : **23.9 mic**  
SD : **5.6 mic**  
CV : **23.4 %**  
CE : **6.0 %**  
SF : **23.8 mic**  
CF : **88.3 %**  
CRV : **15.1 Deg/mm**  
SDC : **15.9 Deg/mm**

Total Fibres counted : 4864

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **CINNAMON**

IAR Number : **236419**  
Micron Deviation : **-4.2 mic**  
>30 : **4.8 %**

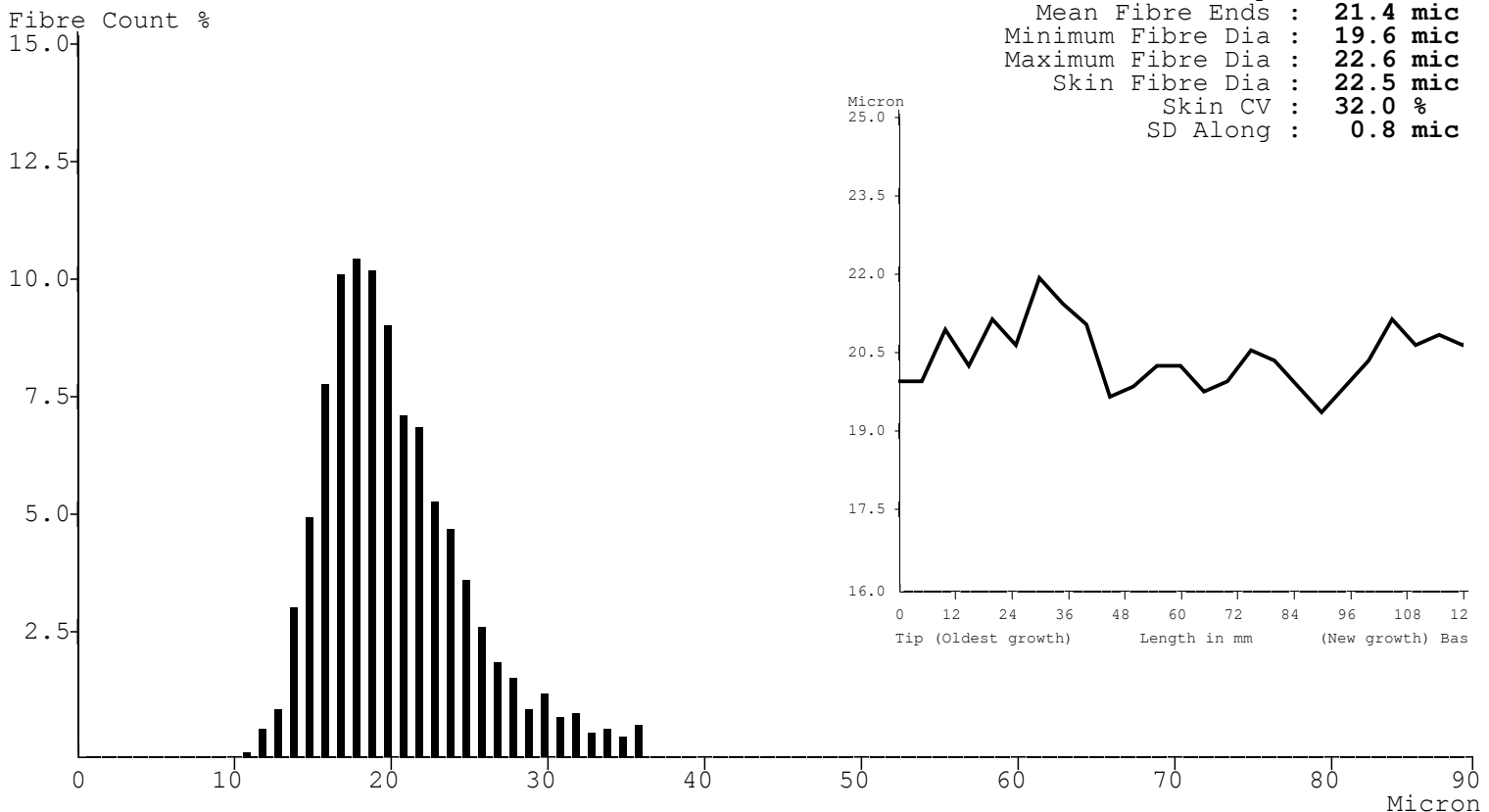
Micron : **20.6 mic**  
SD : **4.7 mic**  
CV : **22.8 %**  
CE : **4.3 %**  
SF : **20.4 mic**  
CF : **95.2 %**  
CRV : **18.1 Deg/mm**  
SDC : **21.3 Deg/mm**

Total Fibres counted : 3945

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **DREAMBELL**

IAR Number : **250803**  
Micron Deviation : **+1.0 mic**  
>30 : **17.7 %**

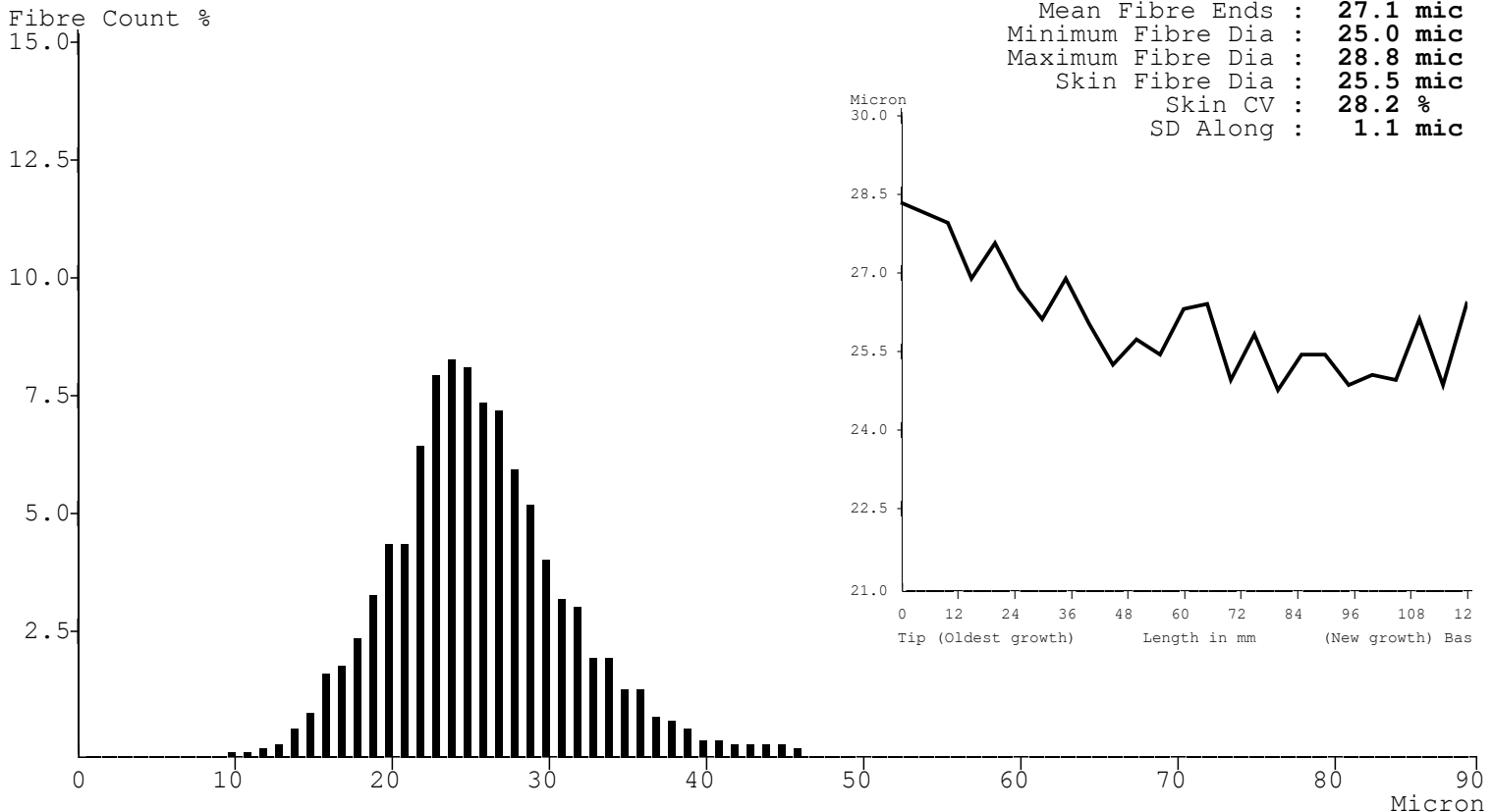
Micron : **25.8 mic**  
SD : **5.6 mic**  
CV : **21.7 %**  
CE : **4.5 %**  
SF : **25.3 mic**  
CF : **82.3 %**  
CRV : **12.9 Deg/mm**  
SDC : **15.7 Deg/mm**

Total Fibres counted : 6227

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **+10.0 mic**  
>30 : **58.2 %**

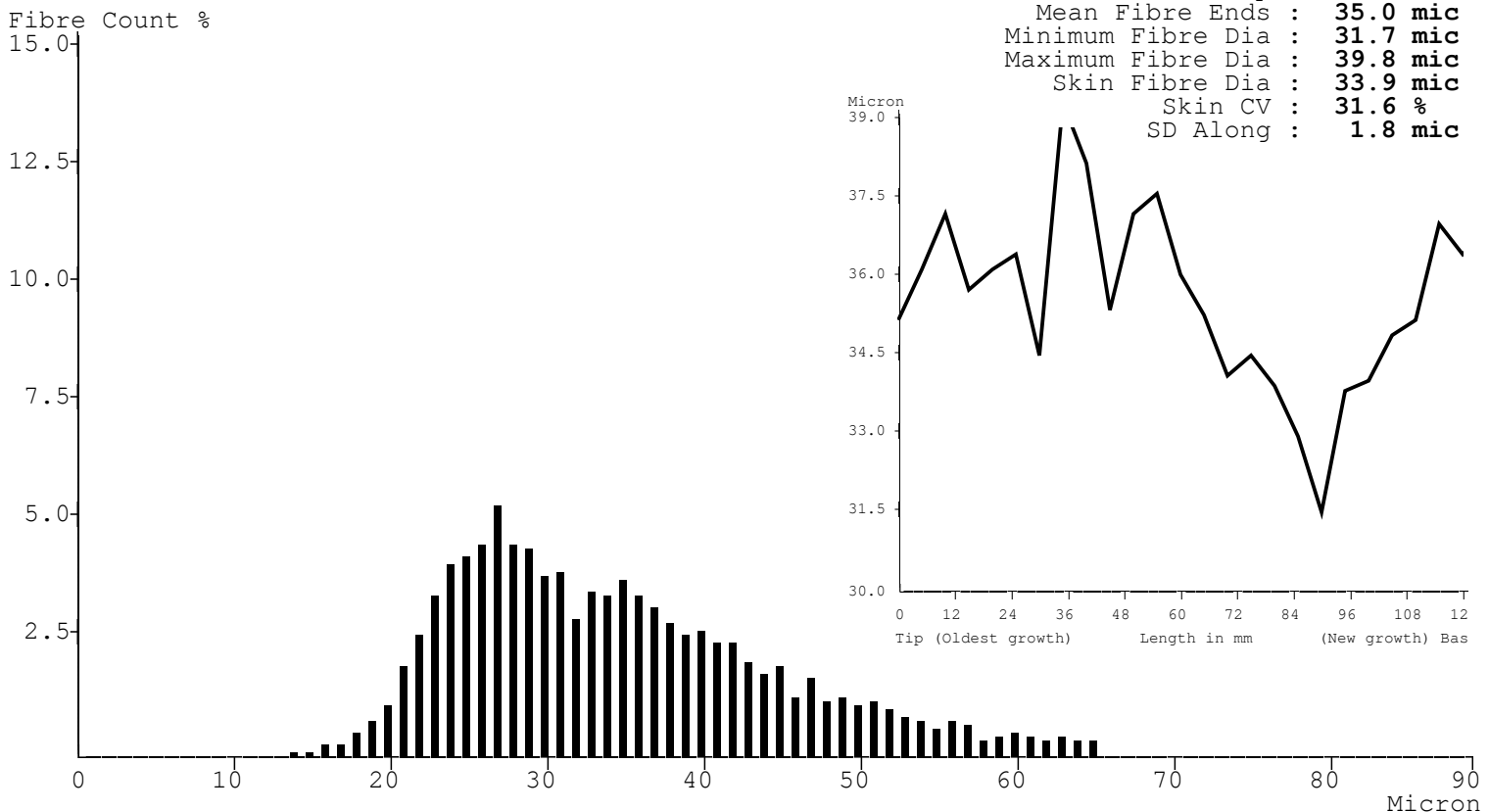
Micron : **34.8 mic**  
SD : **10.4 mic**  
CV : **29.9 %**  
CE : **16.0 %**  
SF : **36.9 mic**  
CF : **41.8 %**  
CRV : **11.3 Deg/mm**  
SDC : **11.4 Deg/mm**

Total Fibres counted : 4443

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **-1.1 mic**  
>30 : **8.2 %**

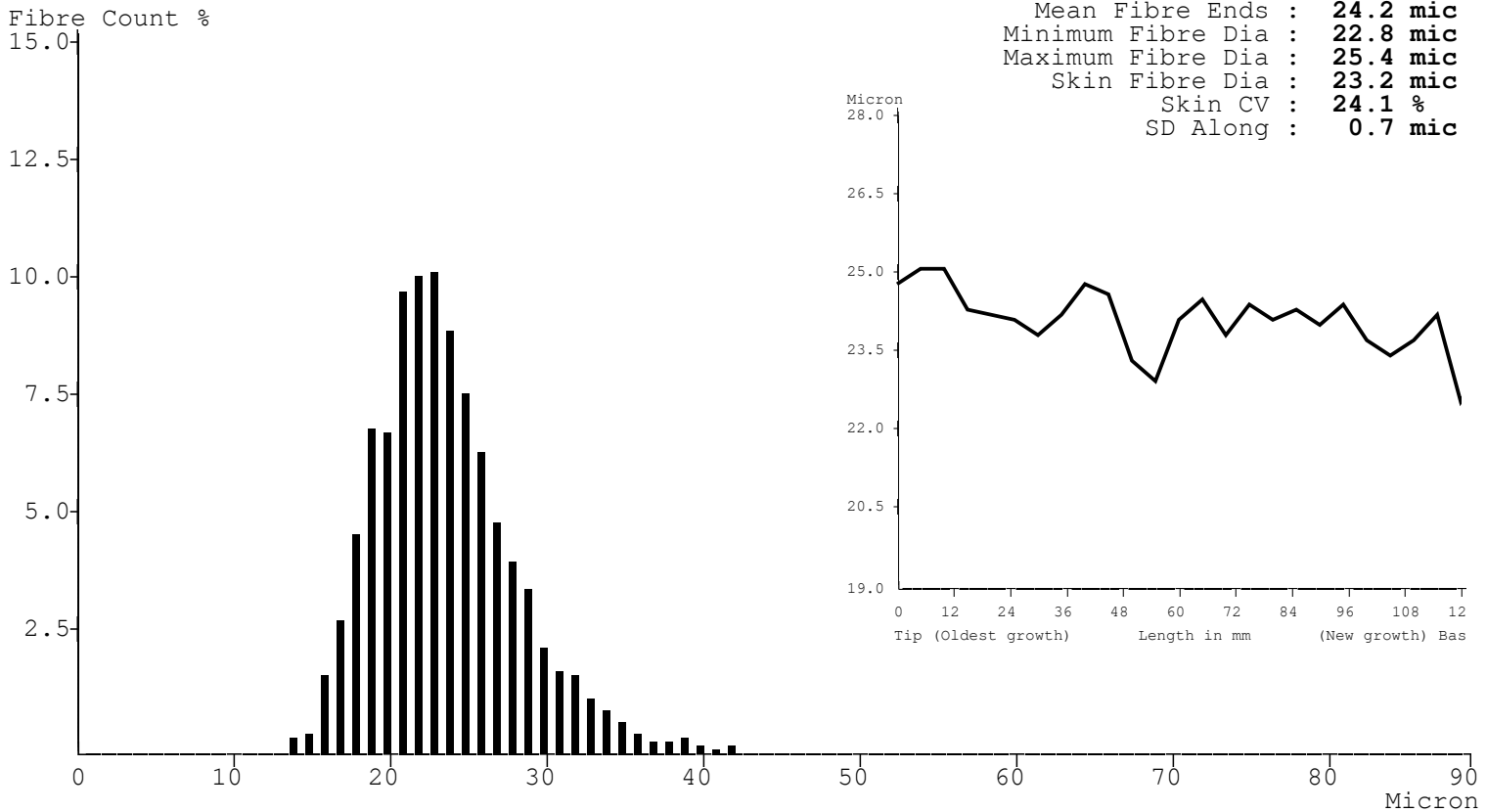
Micron : **23.7 mic**  
SD : **4.5 mic**  
CV : **19.0 %**  
CE : **3.0 %**  
SF : **22.7 mic**  
CF : **91.8 %**  
CRV : **13.7 Deg/mm**  
SDC : **16.4 Deg/mm**

Total Fibres counted : 5257

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **+2.9 mic**  
>30 : **26.6 %**

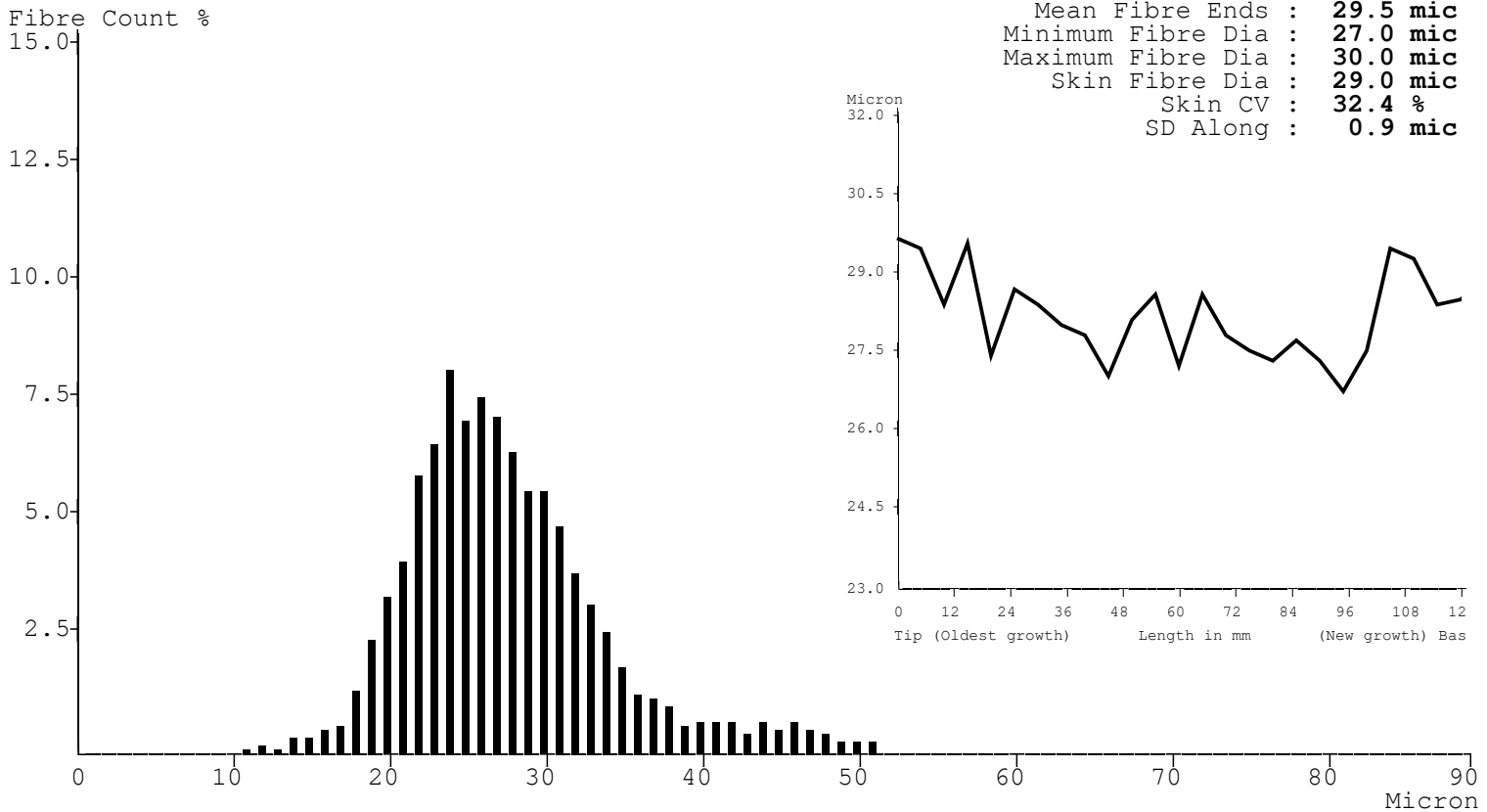
Micron : **27.7 mic**  
SD : **6.6 mic**  
CV : **23.8 %**  
CE : **7.3 %**  
SF : **27.6 mic**  
CF : **73.4 %**  
CRV : **13.4 Deg/mm**  
SDC : **16.3 Deg/mm**

Total Fibres counted : 3961

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **GOLD DUST**

IAR Number : **250806**  
Micron Deviation : **-0.4 mic**  
>30 : **12.1 %**

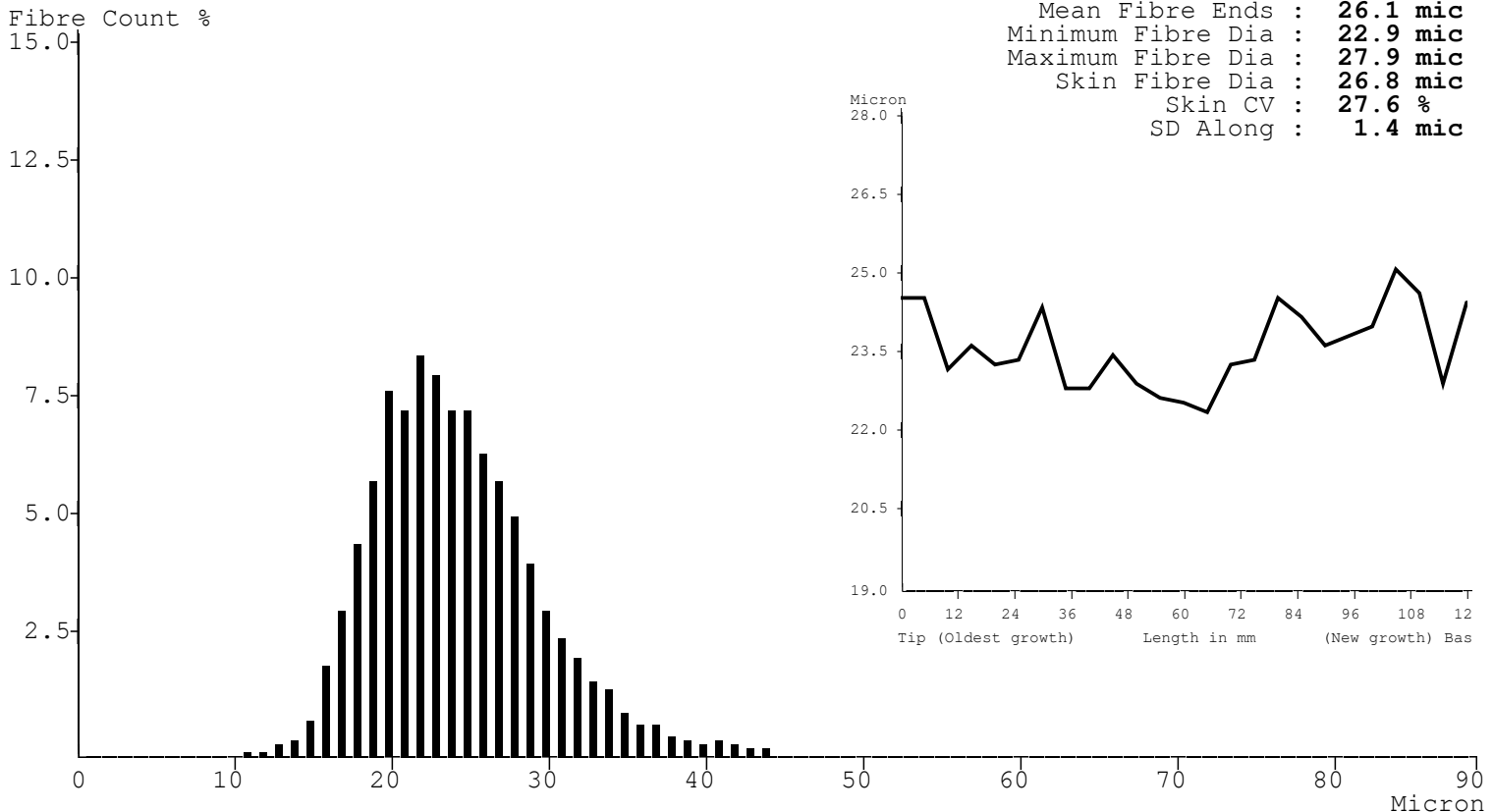
Micron : **24.4 mic**  
SD : **5.3 mic**  
CV : **21.7 %**  
CE : **4.2 %**  
SF : **23.9 mic**  
CF : **87.9 %**  
CRV : **14.5 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 4450

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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. JNF21025

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 : **JESSE**

IAR Number : **250801**  
Micron Deviation : **-2.2 mic**  
>30 : **6.0 %**

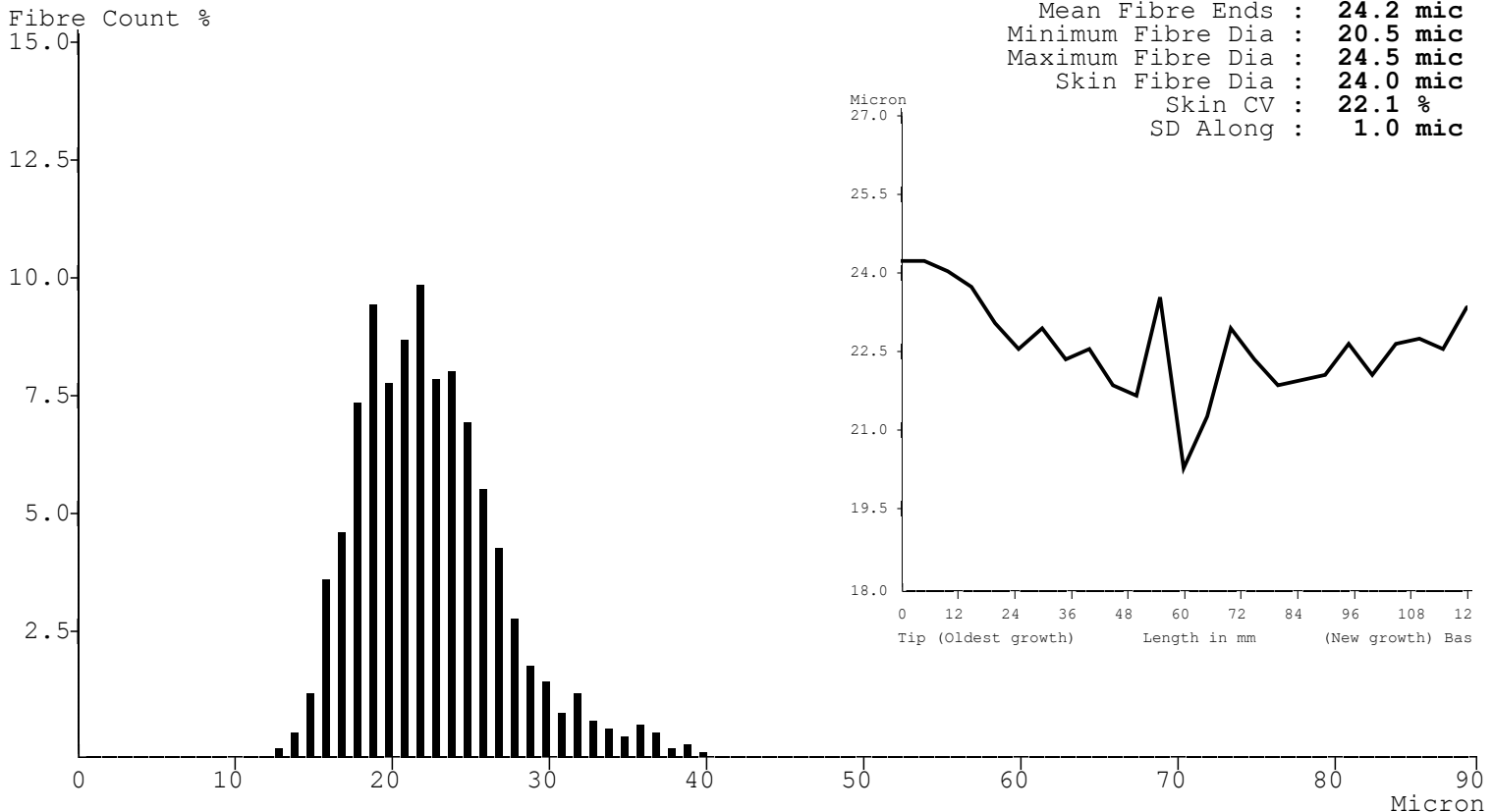
Micron : **22.6 mic**  
SD : **4.5 mic**  
CV : **19.9 %**  
CE : **3.2 %**  
SF : **21.8 mic**  
CF : **94.0 %**  
CRV : **19.0 Deg/mm**  
SDC : **22.0 Deg/mm**

Total Fibres counted : 2819

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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).
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- 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.
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## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **-2.0 mic**  
>30 : **6.2 %**

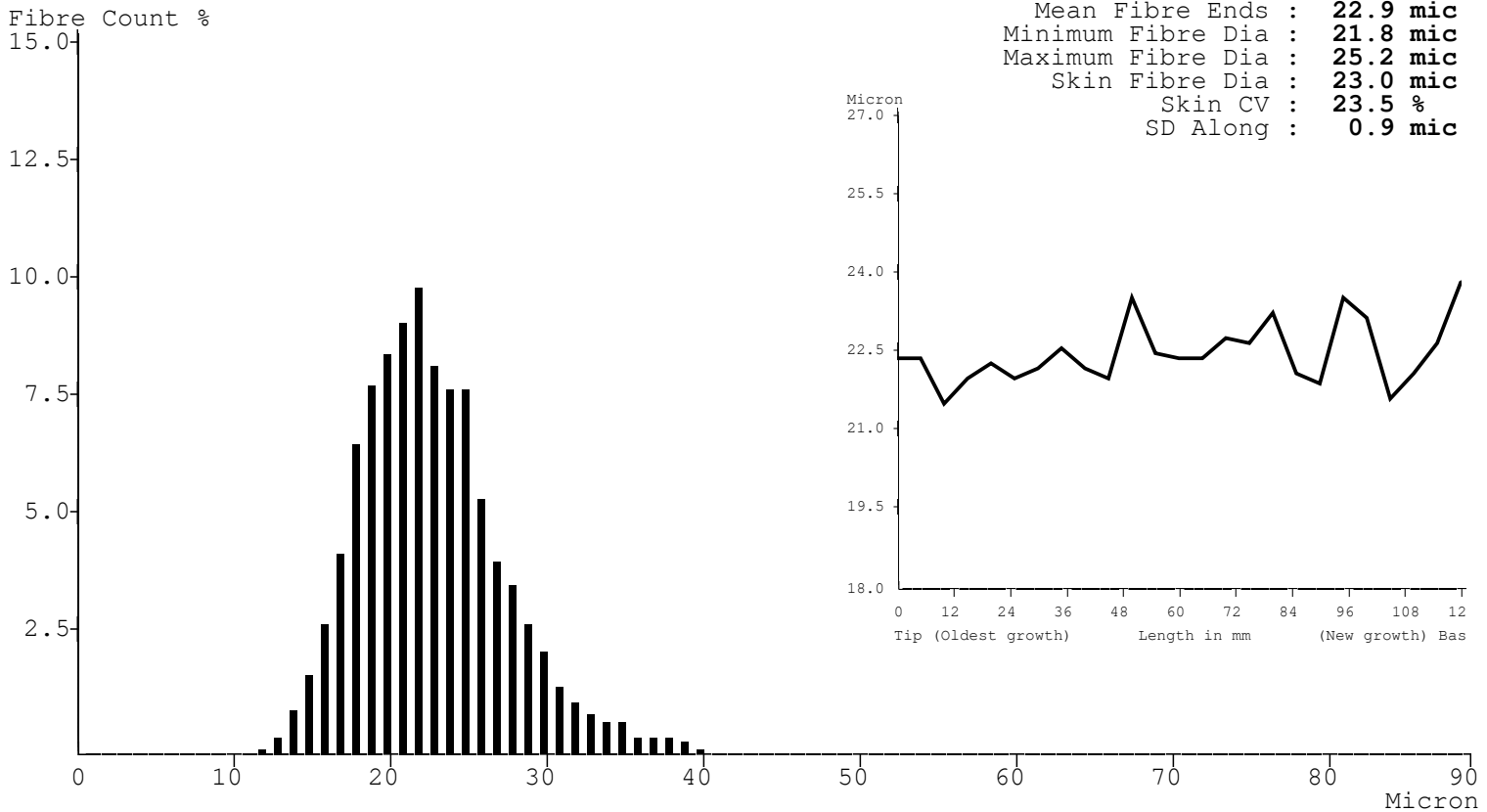
Micron : **22.8 mic**  
SD : **4.5 mic**  
CV : **19.7 %**  
CE : **3.0 %**  
SF : **21.9 mic**  
CF : **93.8 %**  
CRV : **17.6 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 3836

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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.
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- 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. JNF21025

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 : **+3.2 mic**  
>30 : **33.1 %**

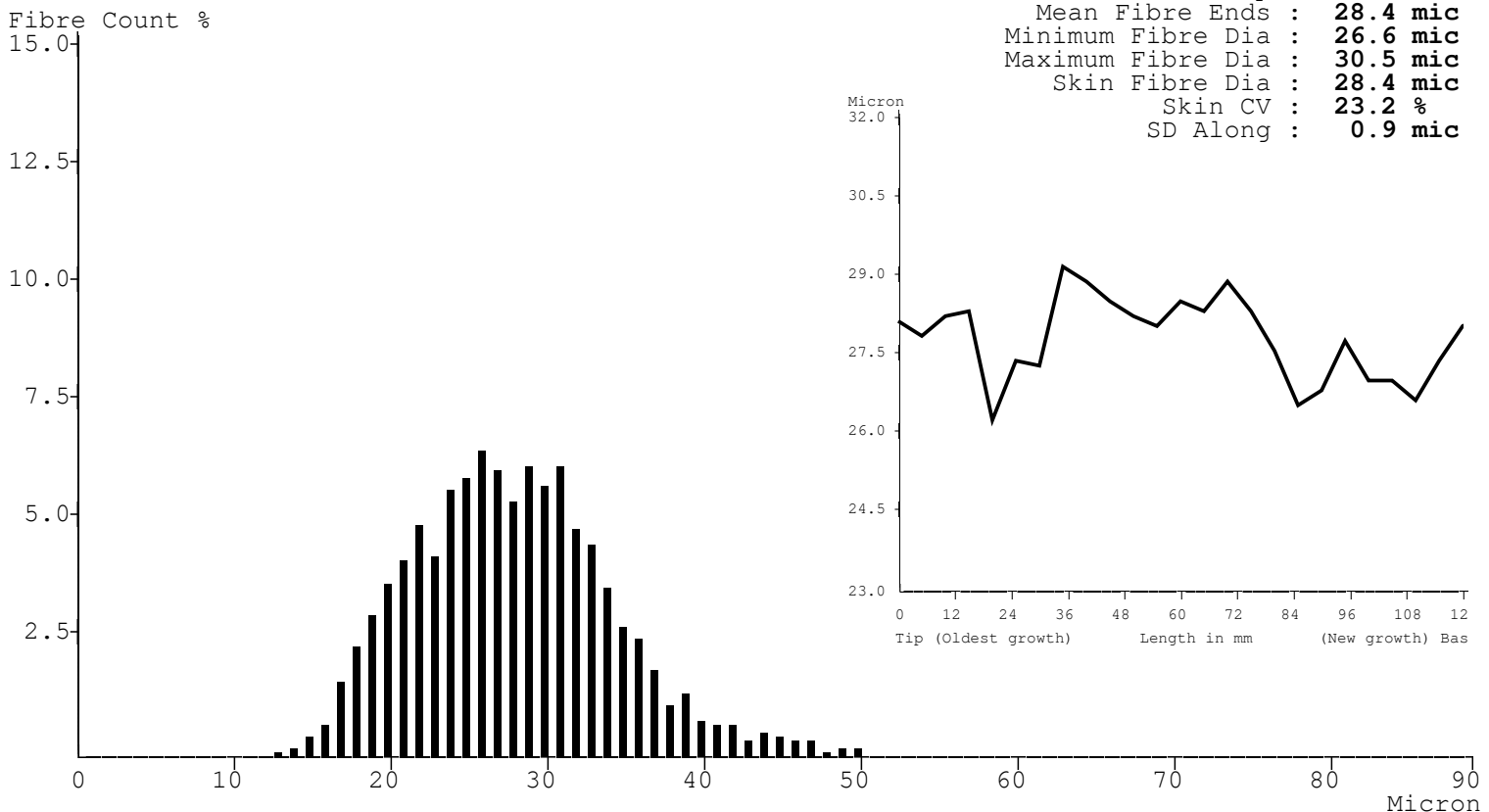
Micron : **28.0 mic**  
SD : **6.3 mic**  
CV : **22.5 %**  
CE : **4.6 %**  
SF : **27.6 mic**  
CF : **66.9 %**  
CRV : **13.4 Deg/mm**  
SDC : **14.9 Deg/mm**

Total Fibres counted : 4311

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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).
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- 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. JNF21025

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 : **-3.0 mic**  
>30 : **3.6 %**

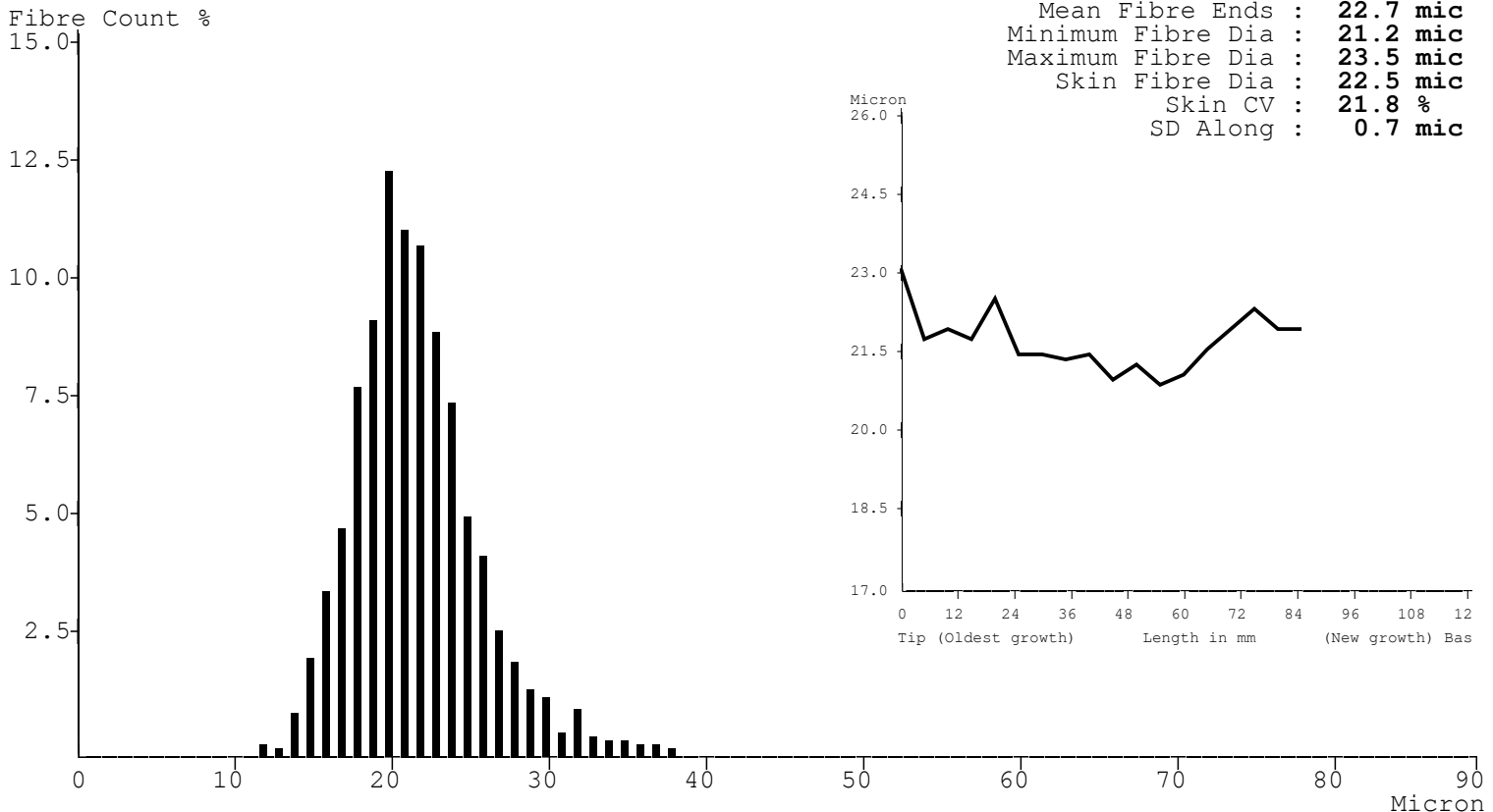
Micron : **21.8 mic**  
SD : **4.0 mic**  
CV : **18.3 %**  
CE : **2.3 %**  
SF : **20.8 mic**  
CF : **96.4 %**  
CRV : **17.1 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 2479

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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).
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- 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. JNF21025

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 : **13.2 %**

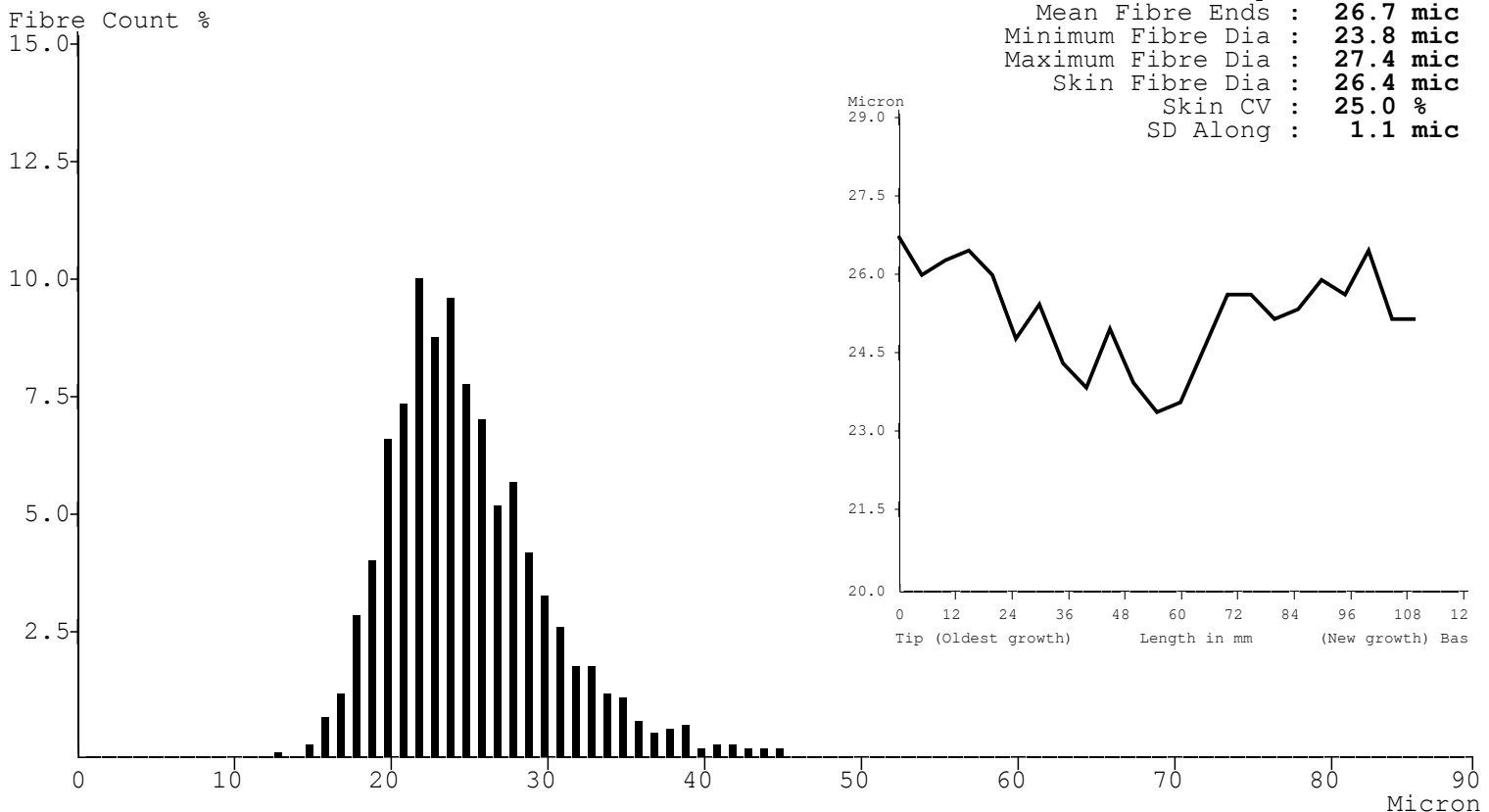
Micron : **25.1 mic**  
SD : **5.0 mic**  
CV : **19.9 %**  
CE : **4.0 %**  
SF : **24.2 mic**  
CF : **86.8 %**  
CRV : **14.0 Deg/mm**  
SDC : **16.0 Deg/mm**

Total Fibres counted : 2800

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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).
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# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **-1.5 mic**  
>30 : **10.3 %**

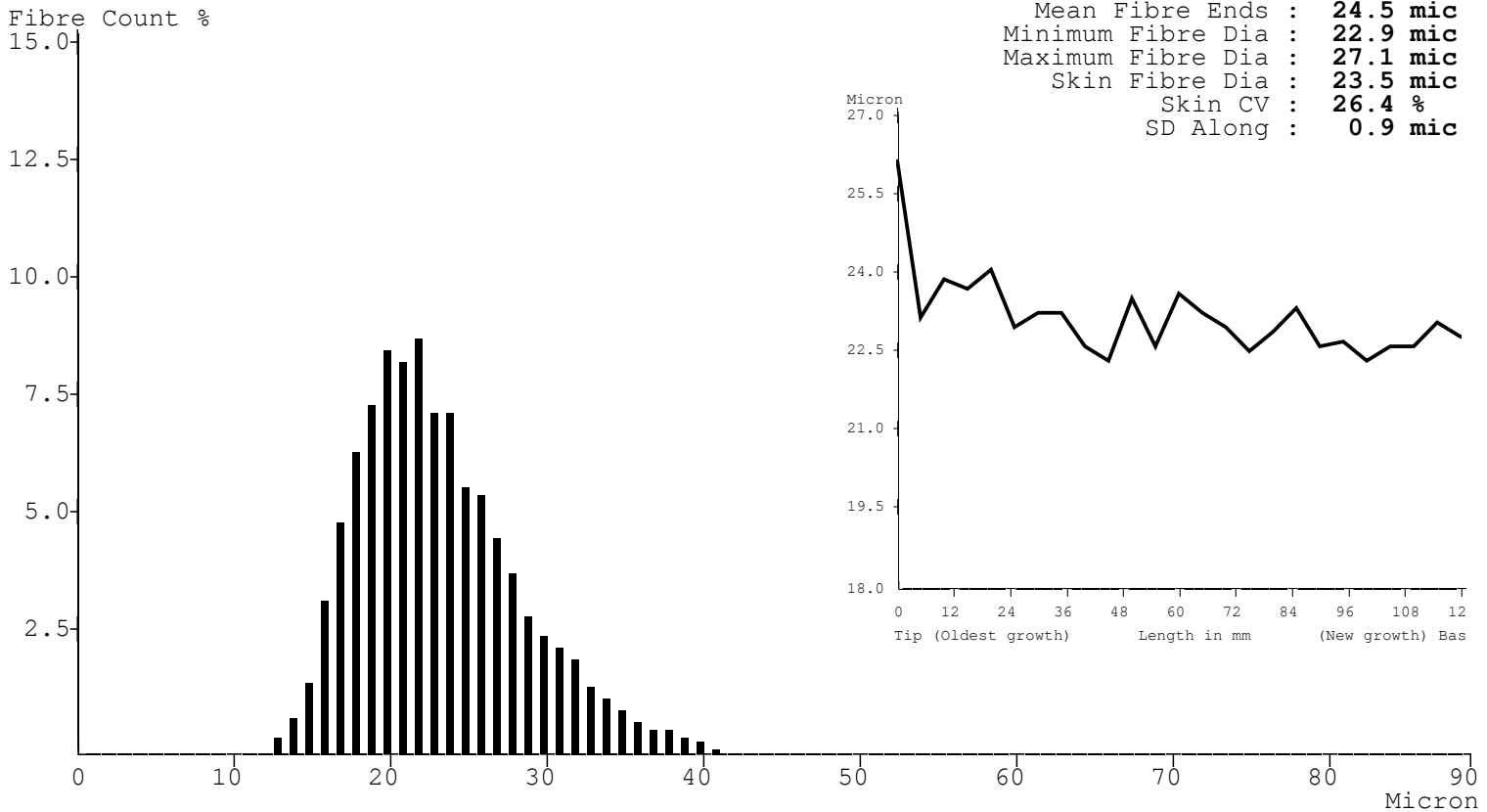
Micron : **23.3 mic**  
SD : **5.1 mic**  
CV : **21.9 %**  
CE : **4.2 %**  
SF : **22.9 mic**  
CF : **89.7 %**  
CRV : **17.7 Deg/mm**  
SDC : **19.9 Deg/mm**

Total Fibres counted : 4436

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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).
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## - ALPACA FIBRE ANALYSIS

Client

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Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **+3.2 mic**  
>30 : **31.3 %**

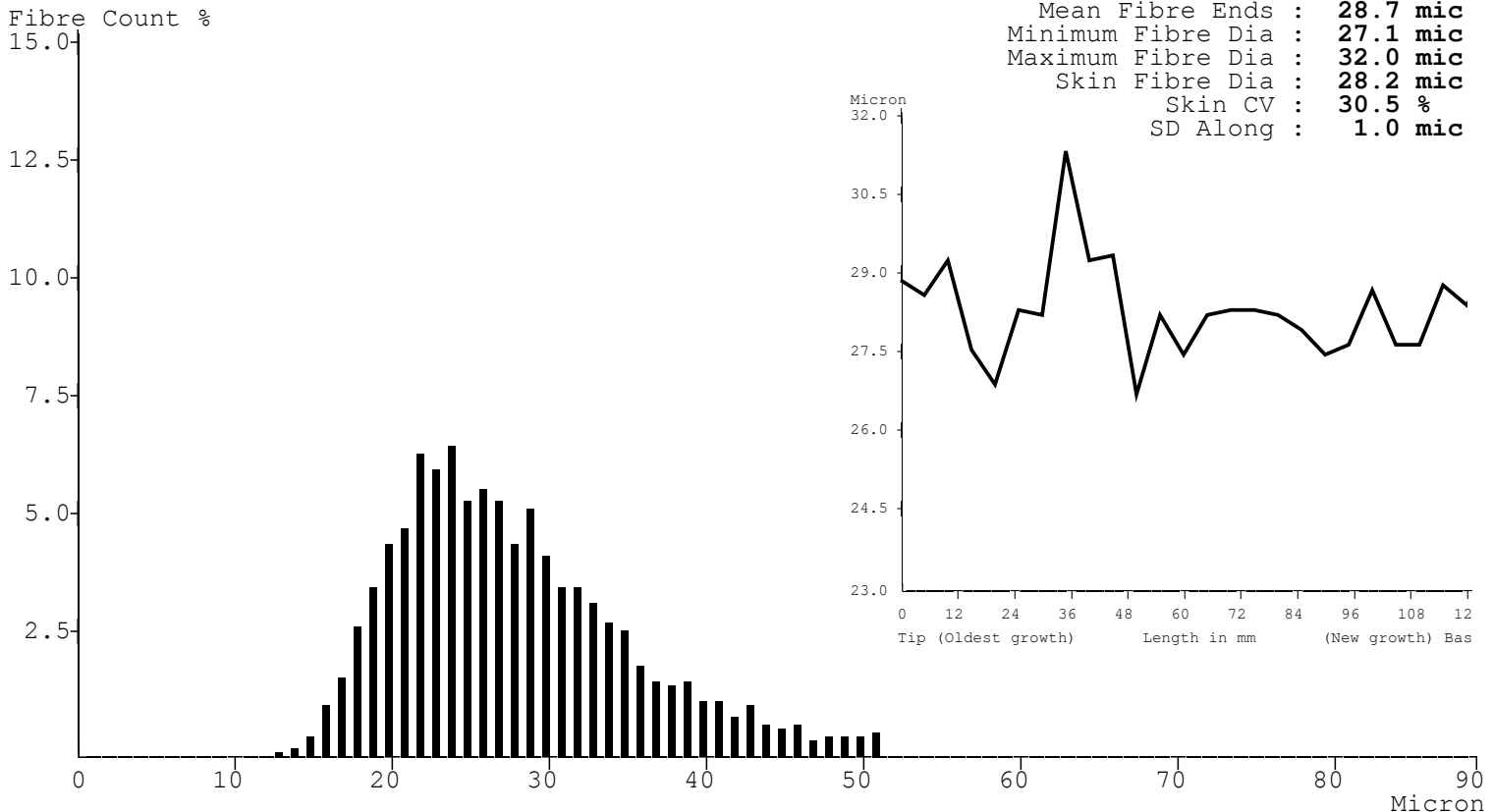
Micron : **28.0 mic**  
SD : **7.6 mic**  
CV : **27.1 %**  
CE : **8.8 %**  
SF : **28.8 mic**  
CF : **68.7 %**  
CRV : **12.5 Deg/mm**  
SDC : **13.2 Deg/mm**

Total Fibres counted : 5663

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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.
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## ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **-1.6 mic**  
>30 : **10.5 %**

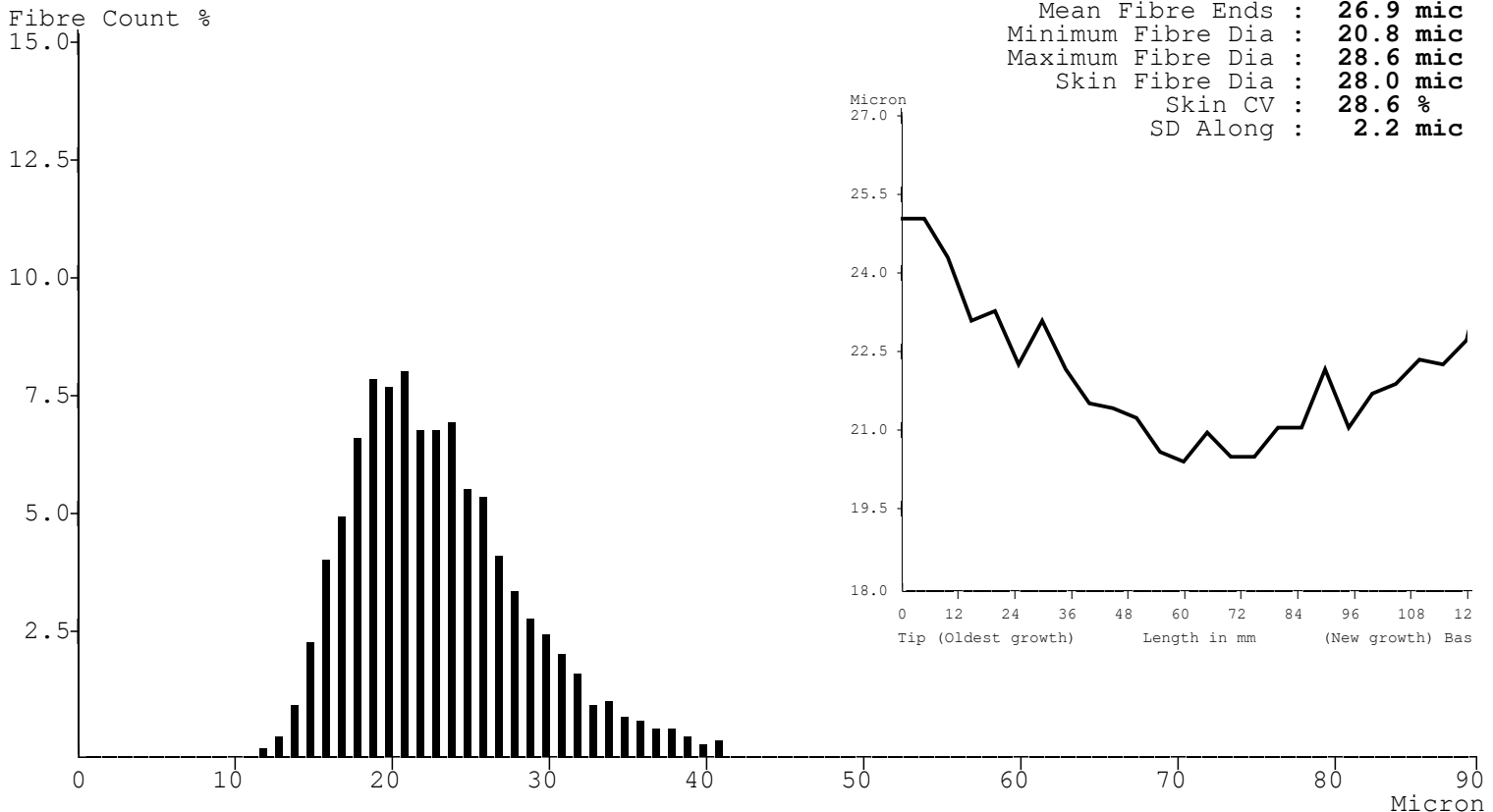
Micron : **23.2 mic**  
SD : **5.5 mic**  
CV : **23.7 %**  
CE : **5.3 %**  
SF : **23.1 mic**  
CF : **89.5 %**  
CRV : **16.8 Deg/mm**  
SDC : **20.8 Deg/mm**

Total Fibres counted : 4104

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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).
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## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
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Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **PETER PAN**

IAR Number : **236410**  
Micron Deviation : **-1.7 mic**  
>30 : **9.6 %**

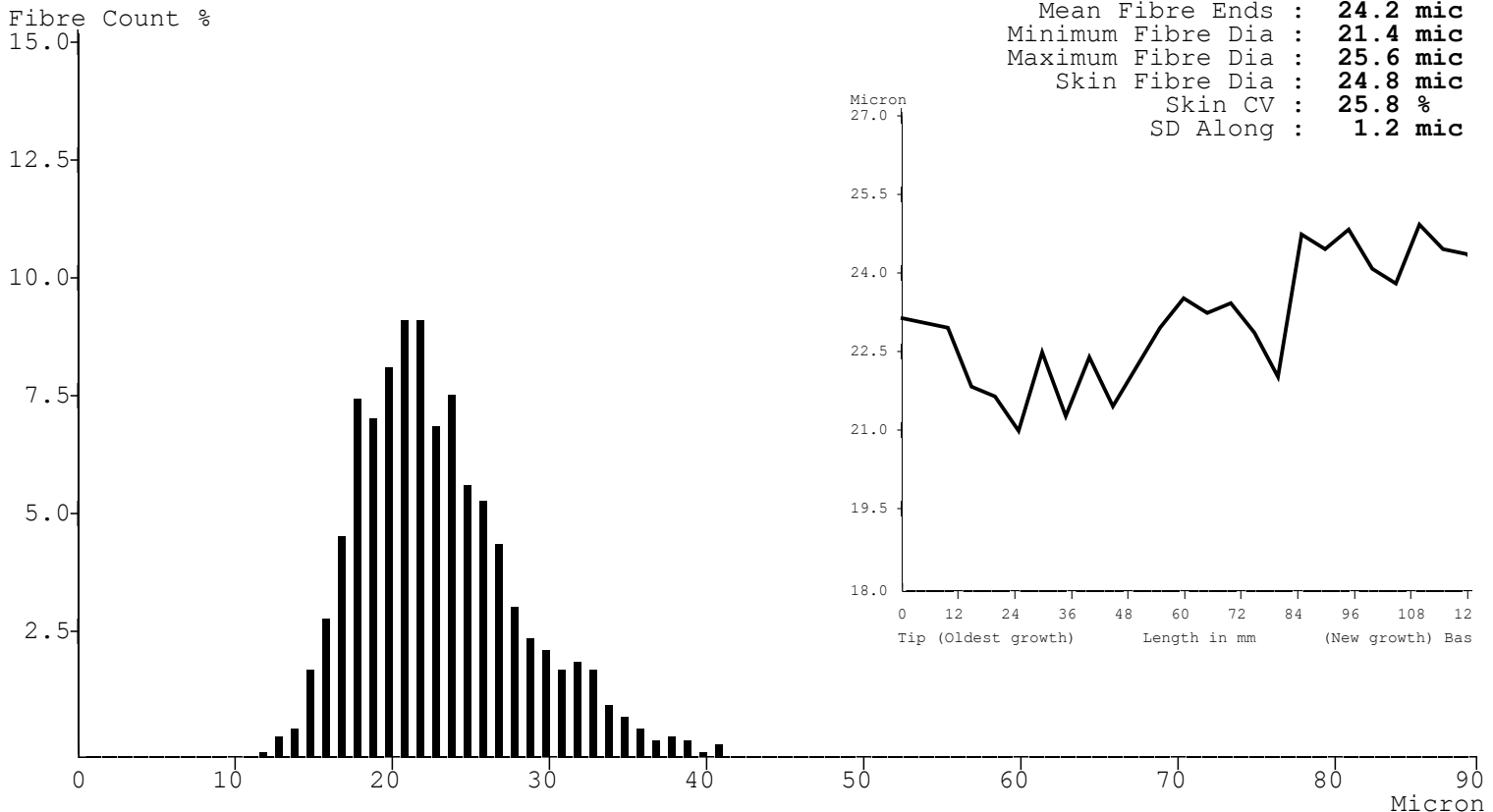
Micron : **23.1 mic**  
SD : **5.0 mic**  
CV : **21.6 %**  
CE : **3.9 %**  
SF : **22.6 mic**  
CF : **90.4 %**  
CRV : **15.3 Deg/mm**  
SDC : **17.6 Deg/mm**

Total Fibres counted : 3724

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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.
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## - ALPACA FIBRE ANALYSIS

Client

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Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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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 : **3.5 %**

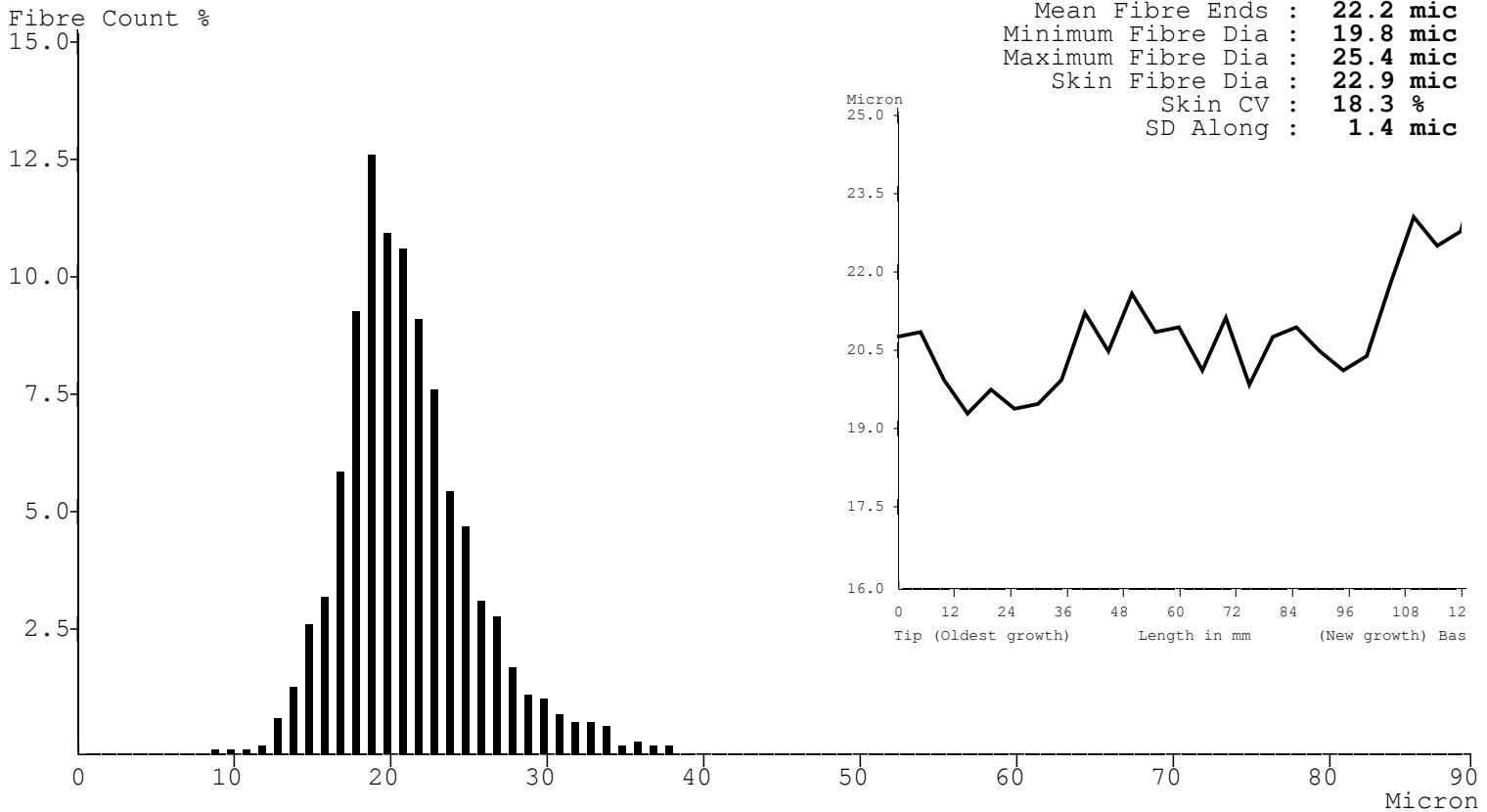
Micron : **21.3 mic**  
SD : **4.1 mic**  
CV : **19.2 %**  
CE : **2.5 %**  
SF : **20.4 mic**  
CF : **96.5 %**  
CRV : **18.7 Deg/mm**  
SDC : **20.9 Deg/mm**

Total Fibres counted : 3488

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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.
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## - ALPACA FIBRE ANALYSIS

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Jeneric Farms  
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Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **+0.1 mic**  
>30 : **14.9 %**

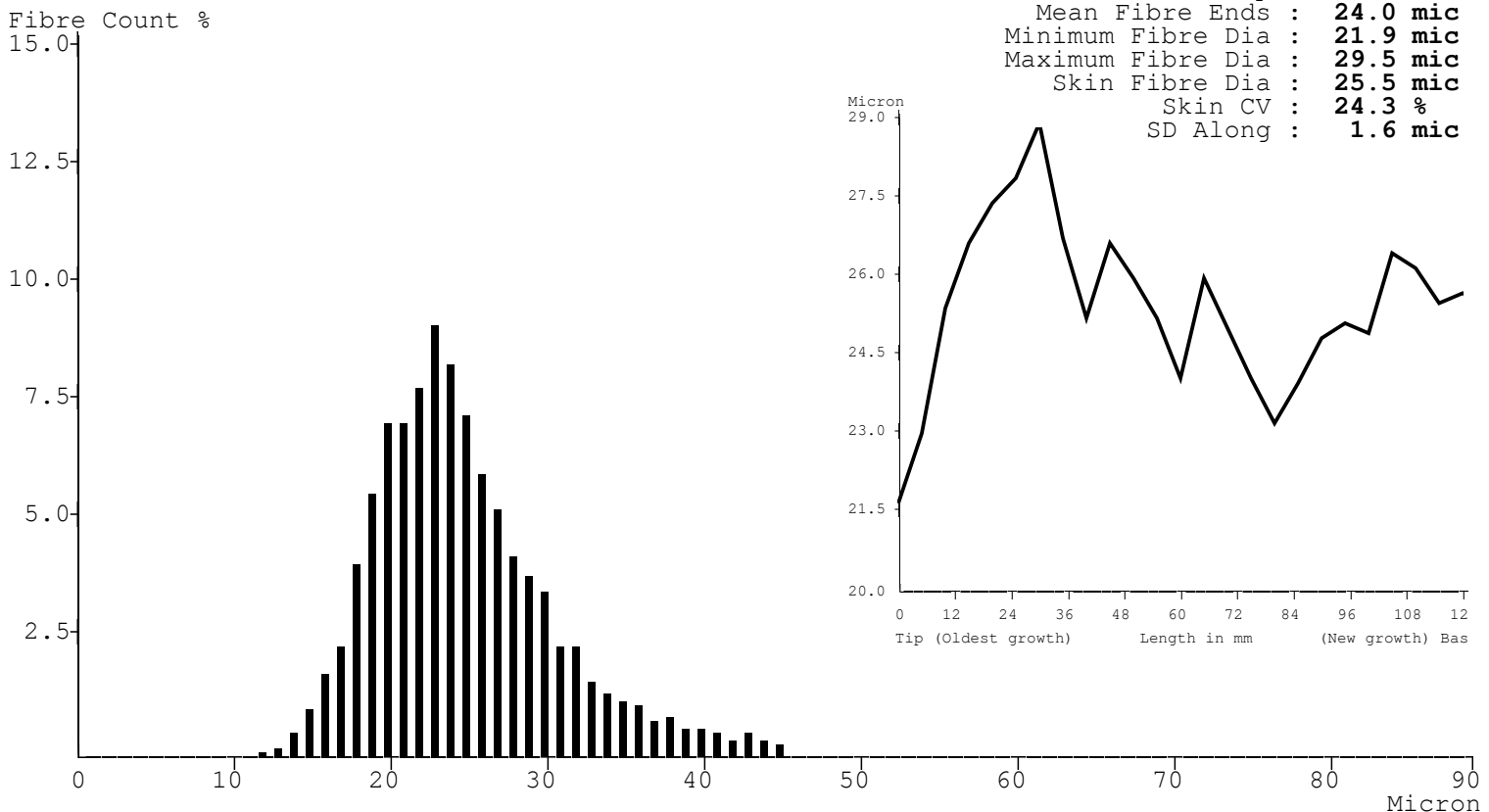
Micron : **24.9 mic**  
SD : **5.8 mic**  
CV : **23.3 %**  
CE : **6.4 %**  
SF : **24.7 mic**  
CF : **85.1 %**  
CRV : **12.8 Deg/mm**  
SDC : **14.5 Deg/mm**

Total Fibres counted : 4439

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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
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# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **ROSEWOOD**

IAR Number : **250804**  
Micron Deviation : **-4.7 mic**  
>30 : **2.2 %**

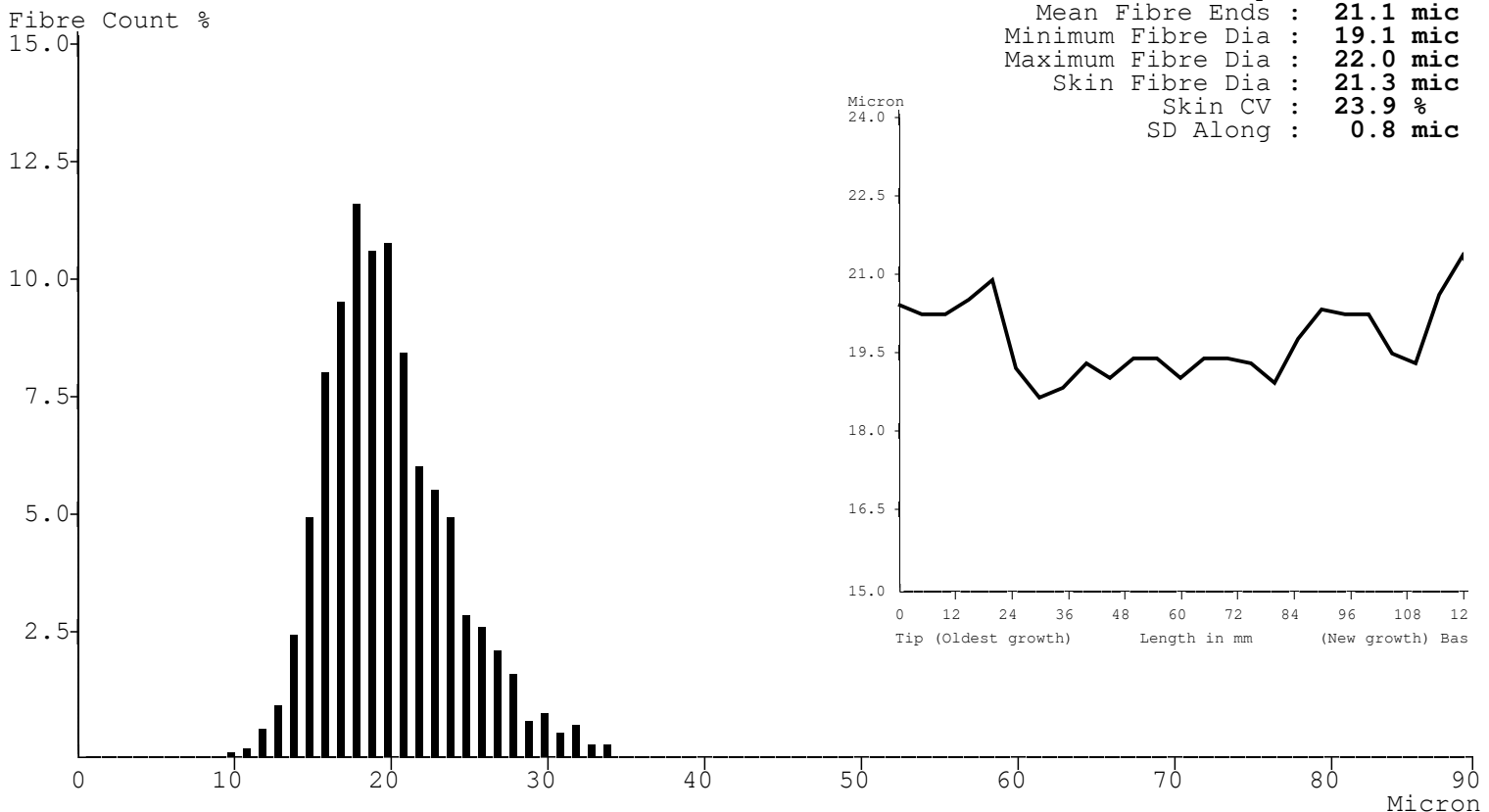
Micron : **20.1 mic**  
SD : **4.0 mic**  
CV : **19.9 %**  
CE : **2.1 %**  
SF : **19.4 mic**  
CF : **97.8 %**  
CRV : **21.0 Deg/mm**  
SDC : **24.1 Deg/mm**

Total Fibres counted : 3369

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.

## - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **ROY PRINCE**

IAR Number : **250802**  
Micron Deviation : **-2.7 mic**  
>30 : **7.9 %**

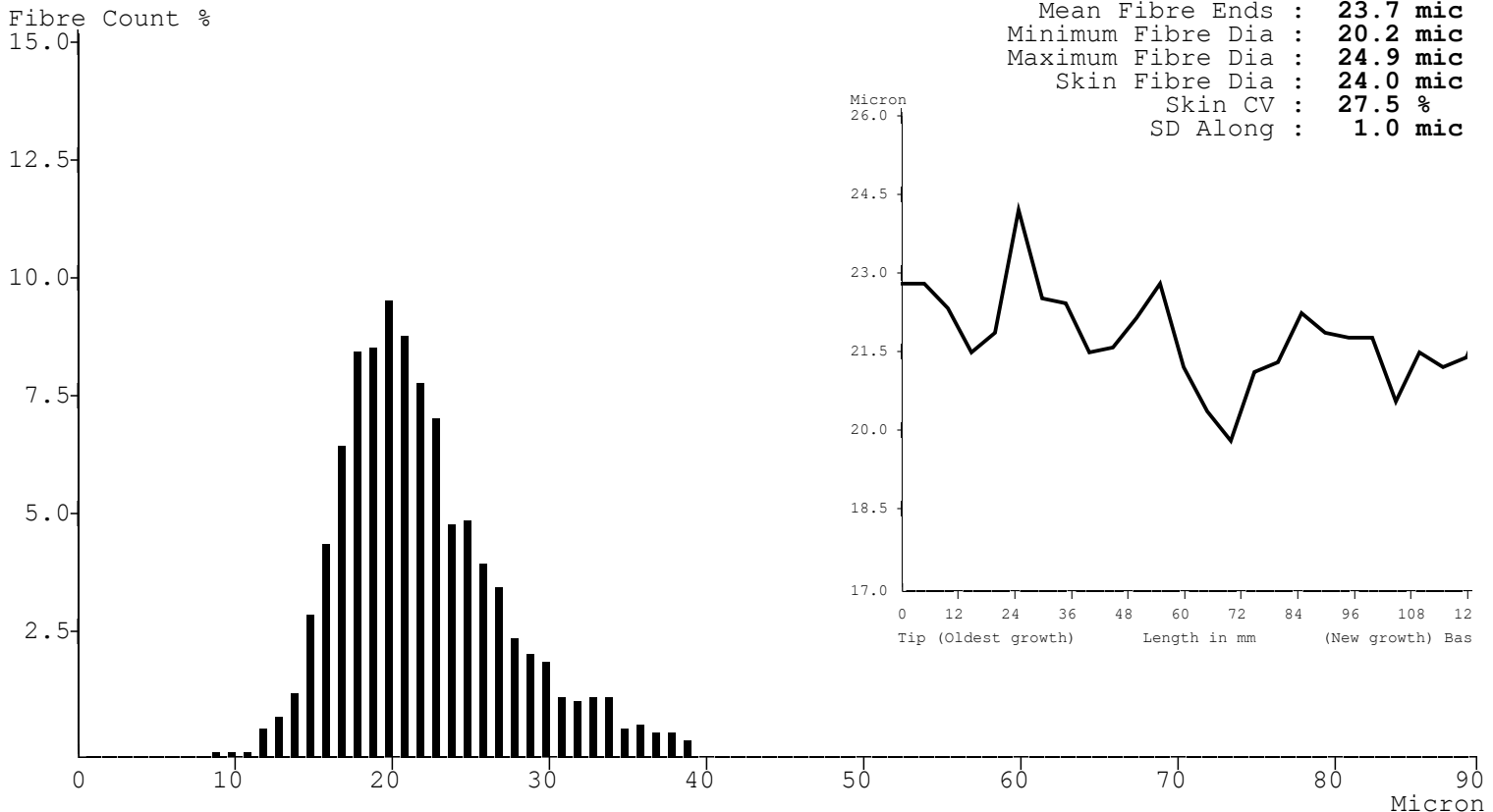
Micron : **22.1 mic**  
SD : **5.2 mic**  
CV : **23.5 %**  
CE : **5.3 %**  
SF : **22.0 mic**  
CF : **92.1 %**  
CRV : **16.9 Deg/mm**  
SDC : **19.7 Deg/mm**

Total Fibres counted : 4596

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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).
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# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **+1.1 mic**  
>30 : **21.1 %**

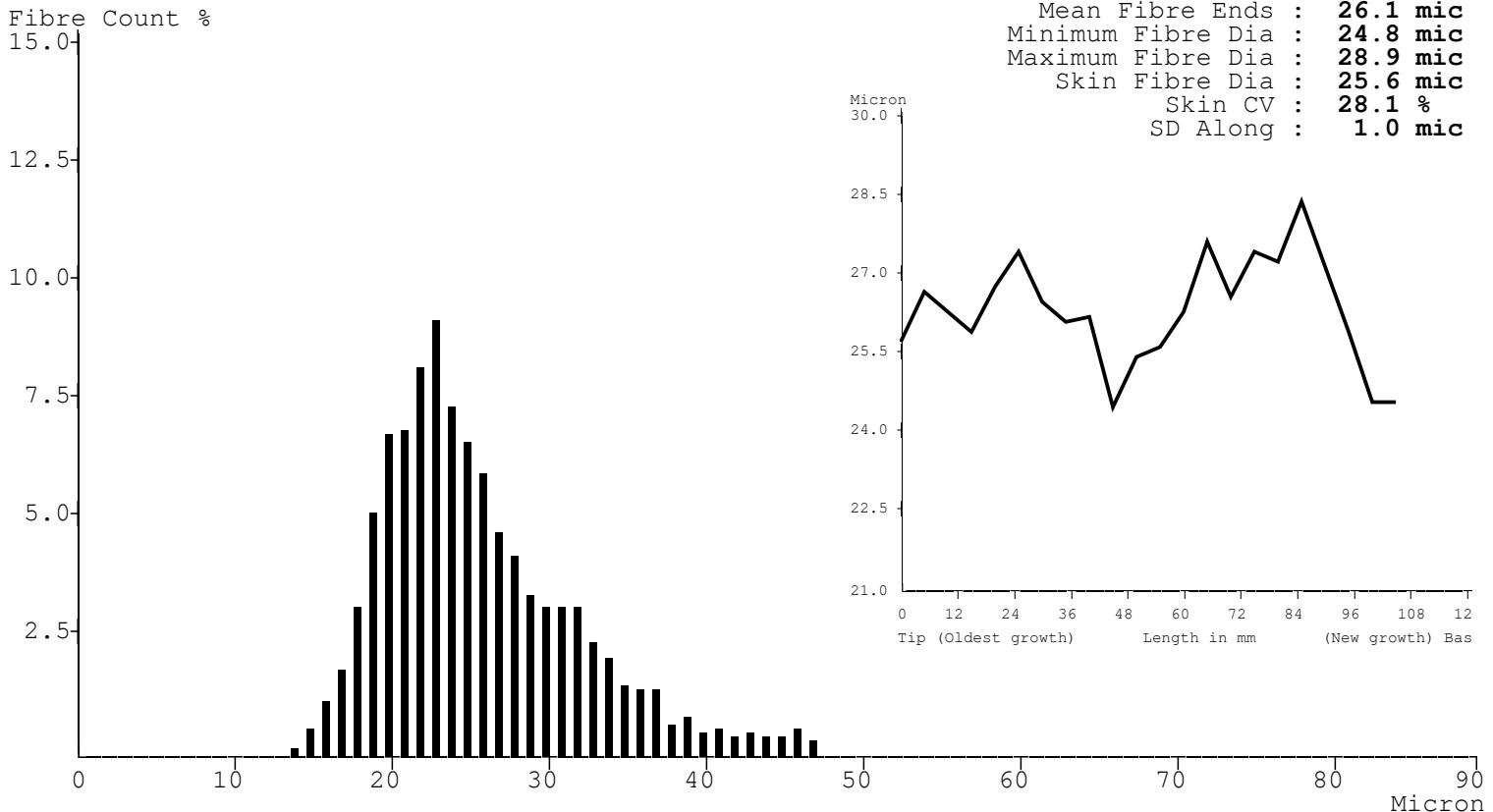
Micron : **25.9 mic**  
SD : **6.4 mic**  
CV : **24.7 %**  
CE : **7.5 %**  
SF : **26.1 mic**  
CF : **78.9 %**  
CRV : **14.5 Deg/mm**  
SDC : **15.7 Deg/mm**

Total Fibres counted : 4205

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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).
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# MAN - ALPACA FIBRE ANALYSIS

Client

Jeneric Farms  
1511 Cawongla Road  
Larnook NSW 2480

Date Sample Taken -

Test No. JNF21025

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 : **-6.4 mic**  
>30 : **2.1 %**

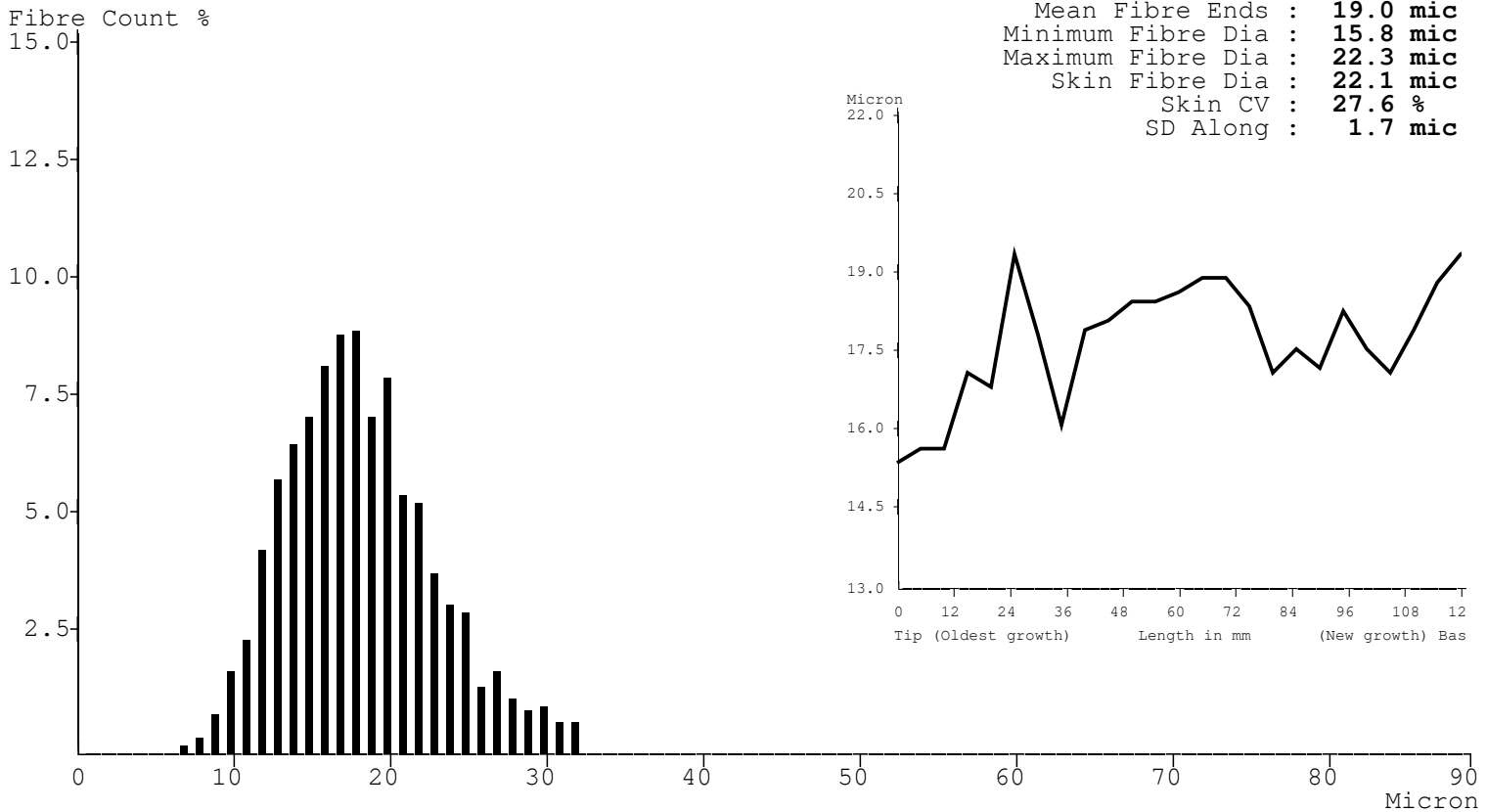
Micron : **18.4 mic**  
SD : **4.8 mic**  
CV : **26.1 %**  
CE : **3.6 %**  
SF : **18.8 mic**  
CF : **97.9 %**  
CRV : **21.6 Deg/mm**  
SDC : **23.6 Deg/mm**

Total Fibres counted : 3644

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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.
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- 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).
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## - ALPACA FIBRE ANALYSIS

Client

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1511 Cawongla Road  
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Date Sample Taken -

Test No. JNF21025

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 : **1.7 %**

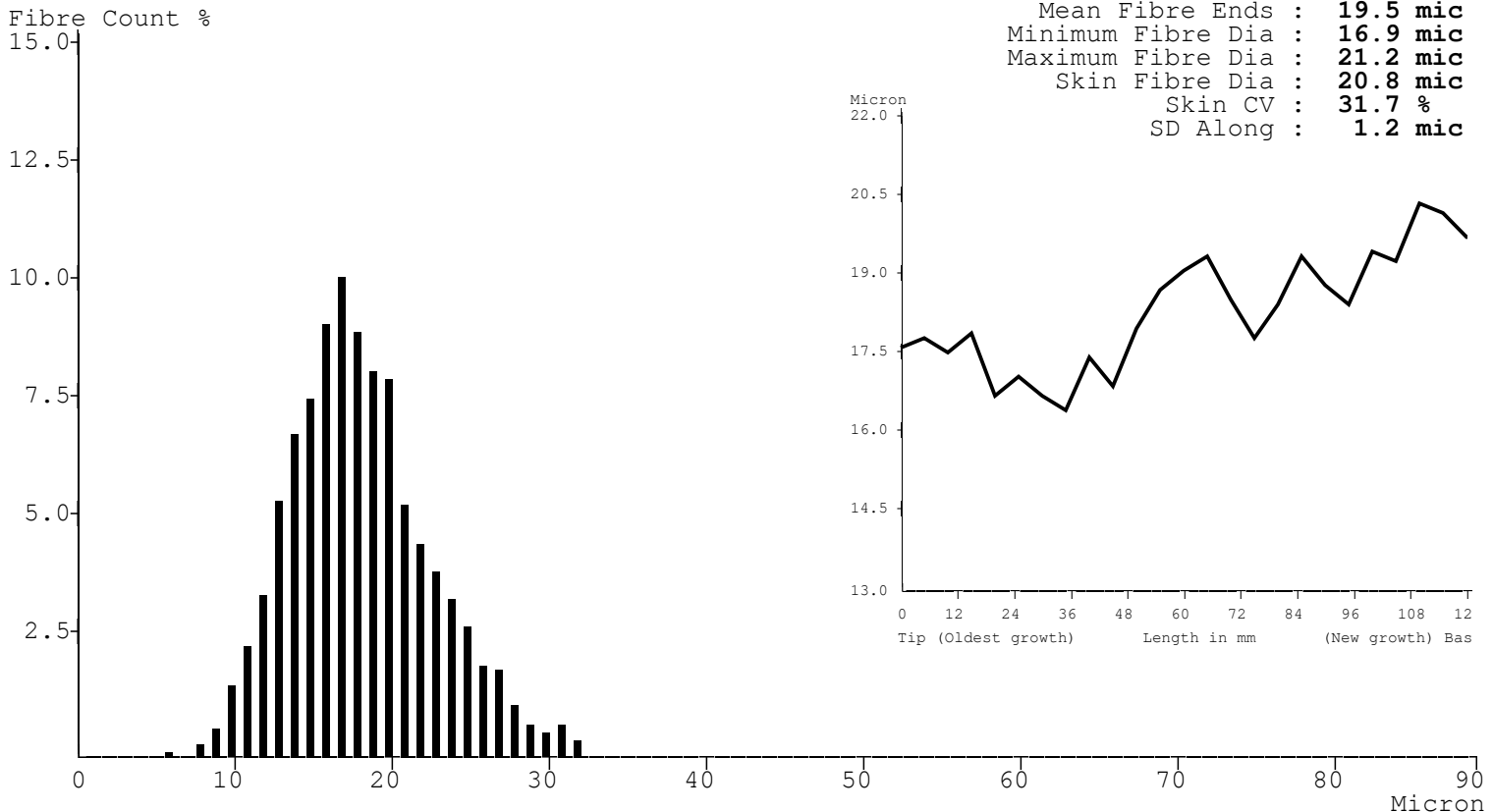
Micron : **18.3 mic**  
SD : **4.5 mic**  
CV : **24.6 %**  
CE : **2.6 %**  
SF : **18.4 mic**  
CF : **98.3 %**  
CRV : **22.7 Deg/mm**  
SDC : **27.8 Deg/mm**

Total Fibres counted : 3347

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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- 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).
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- 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. JNF21025

Contact :- Micron Man

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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 : **+8.0 mic**  
>30 : **55.8 %**

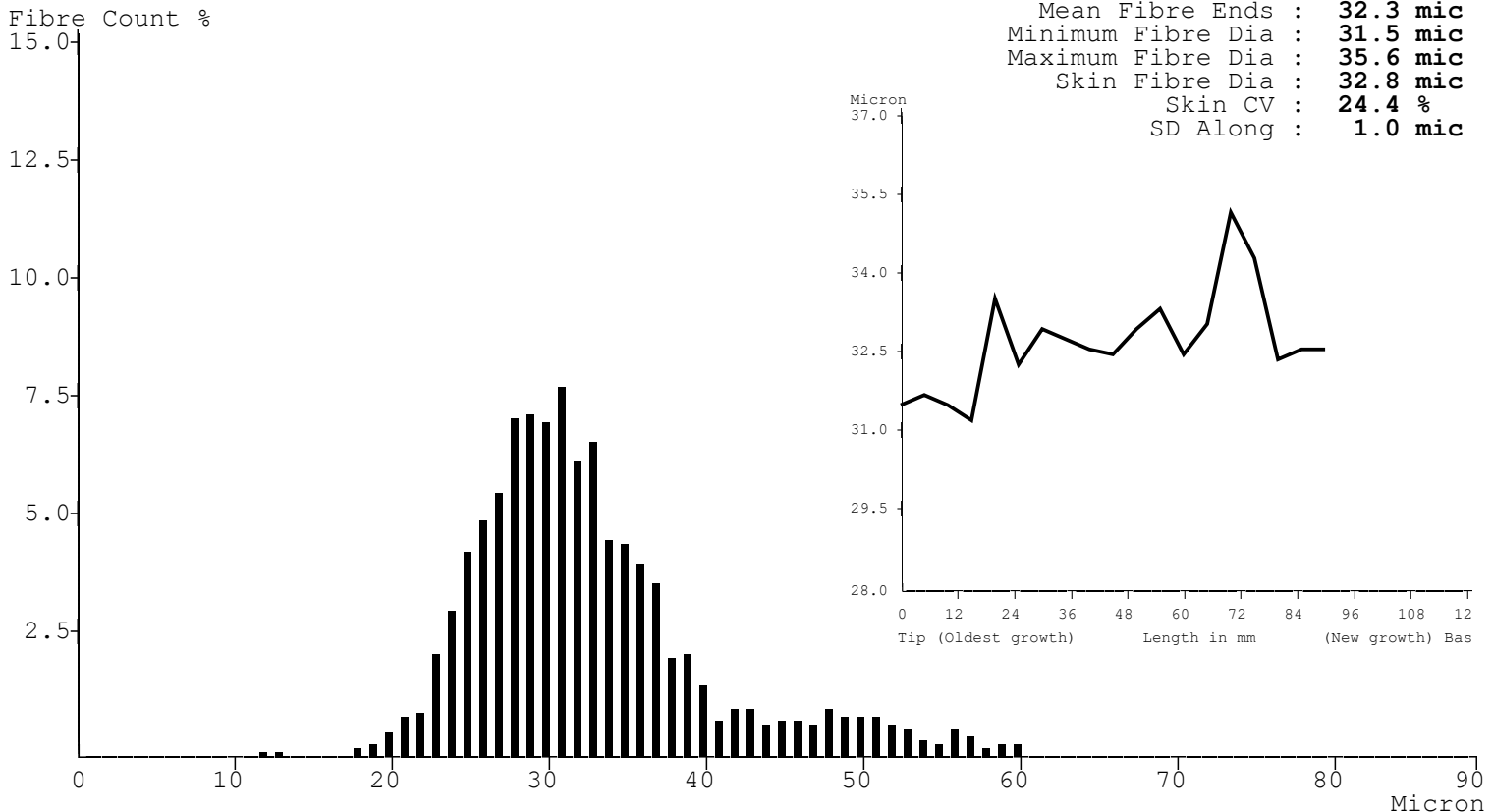
Micron : **32.8 mic**  
SD : **7.6 mic**  
CV : **23.2 %**  
CE : **10.2 %**  
SF : **32.6 mic**  
CF : **44.2 %**  
CRV : **11.4 Deg/mm**  
SDC : **13.3 Deg/mm**

Total Fibres counted : 2399

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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## - ALPACA FIBRE ANALYSIS

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1511 Cawongla Road  
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Date Sample Taken -

Test No. JNF21025

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Bibra Lake W.A. 6965

Group ID. JFI

Wool Growth - 12 months

Age at Sample Date - months

Name : **WISHLIST**

IAR Number : **129882**  
Micron Deviation : **+12.7 mic**  
>30 : **77.7 %**

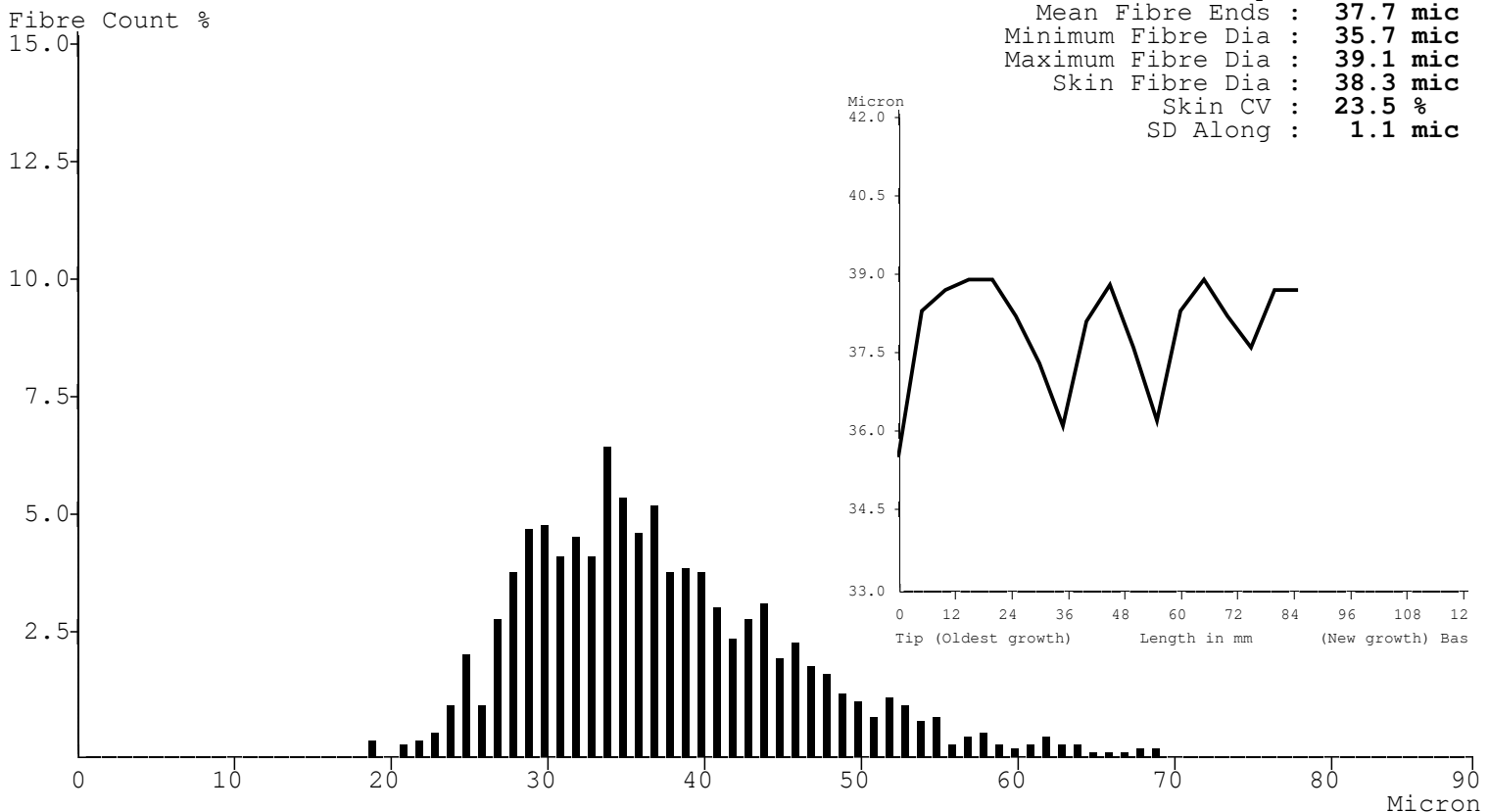
Micron : **37.5 mic**  
SD : **8.6 mic**  
CV : **22.9 %**  
CE : **11.6 %**  
SF : **37.1 mic**  
CF : **22.3 %**  
CRV : **11.9 Deg/mm**  
SDC : **12.5 Deg/mm**

Total Fibres counted : 1703

**OFDA2000 Alpaca Calibration : Trim High ON**  
**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**

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