

## - ALPACA FIBRE ANALYSIS

**Client**  
 Chrysalis Alpacas  
 170 Doctors Creek Rd  
 Clonbinane VIC

Date Sample Taken -

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

Test No. CHR80117

Group ID. Full Group

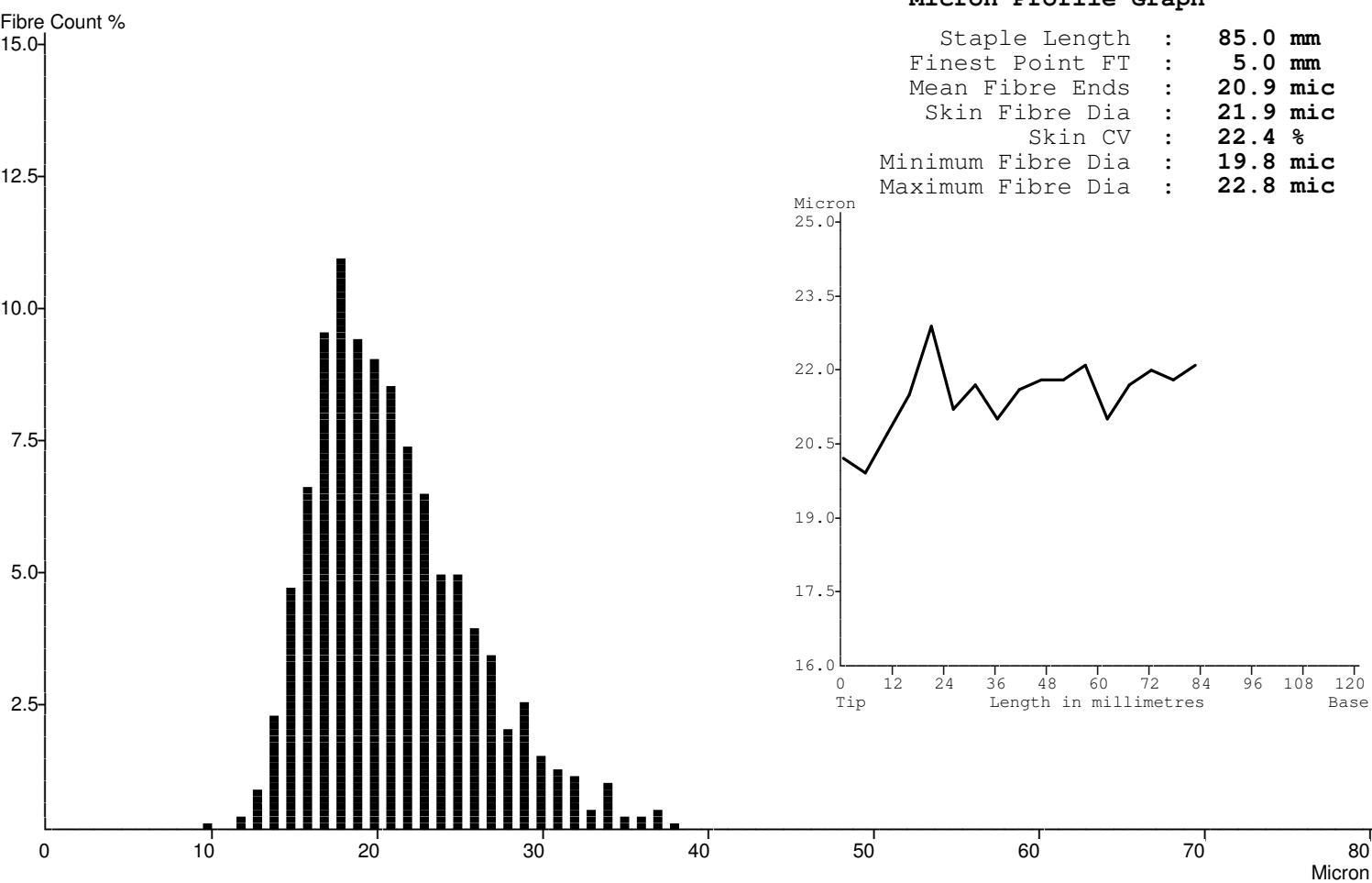
Wool Growth - months

Age at Sample Date - months

Alpaca Name : **MISKA**

IAR Number : **99593**  
 Micron Deviation : **-2.3 mic**  
     <15 : **3.3 %**  
     >30 : **4.6 %**

Micron : **21.1 mic**  
 SD : **4.7 mic**  
 CV : **22.4 %**  
 CE : **3.4 %**  
 SF : **20.8 mic**  
 CF : **95.4 %**



**Explanation of Terms**

- FD : Overall average fibre diameter.
- 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 of Fibre diameter = SD as a percentage of the average micron.
- CE : Coarse Edge is the percentage of fibres that lie 10 microns greater than the average fibre diameter.
- CF : Comfort Factor is the % of fibres below the 30 micron threshold and provides an indication of the degree of comfort to be expected. Wool is considered uncomfortable for next to skin wear if up to 5% of fibres measured are over 30 microns
- SF : Spinning Fineness is calculated by combining Micron & CV to a single number to represent the spinning quality, and is expressed in microns.
- Skin FD : Skin Fibre Diameter, is the average Fibre Diameter of the first 2 passes at the skin end of the sample.
- Skin CV : Skin Coefficient of Variation of Fibre Diameter is as per CV on 2 passes at the skin end of the sample.