

## - 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 : **RAZZLE**

IAR Number : **A52683**

Micron Deviation : **-2.9 mic**  
 <15 : **7.6 %**  
 >30 : **5.3 %**

Micron : **20.5 mic**

SD : **5.1 mic**

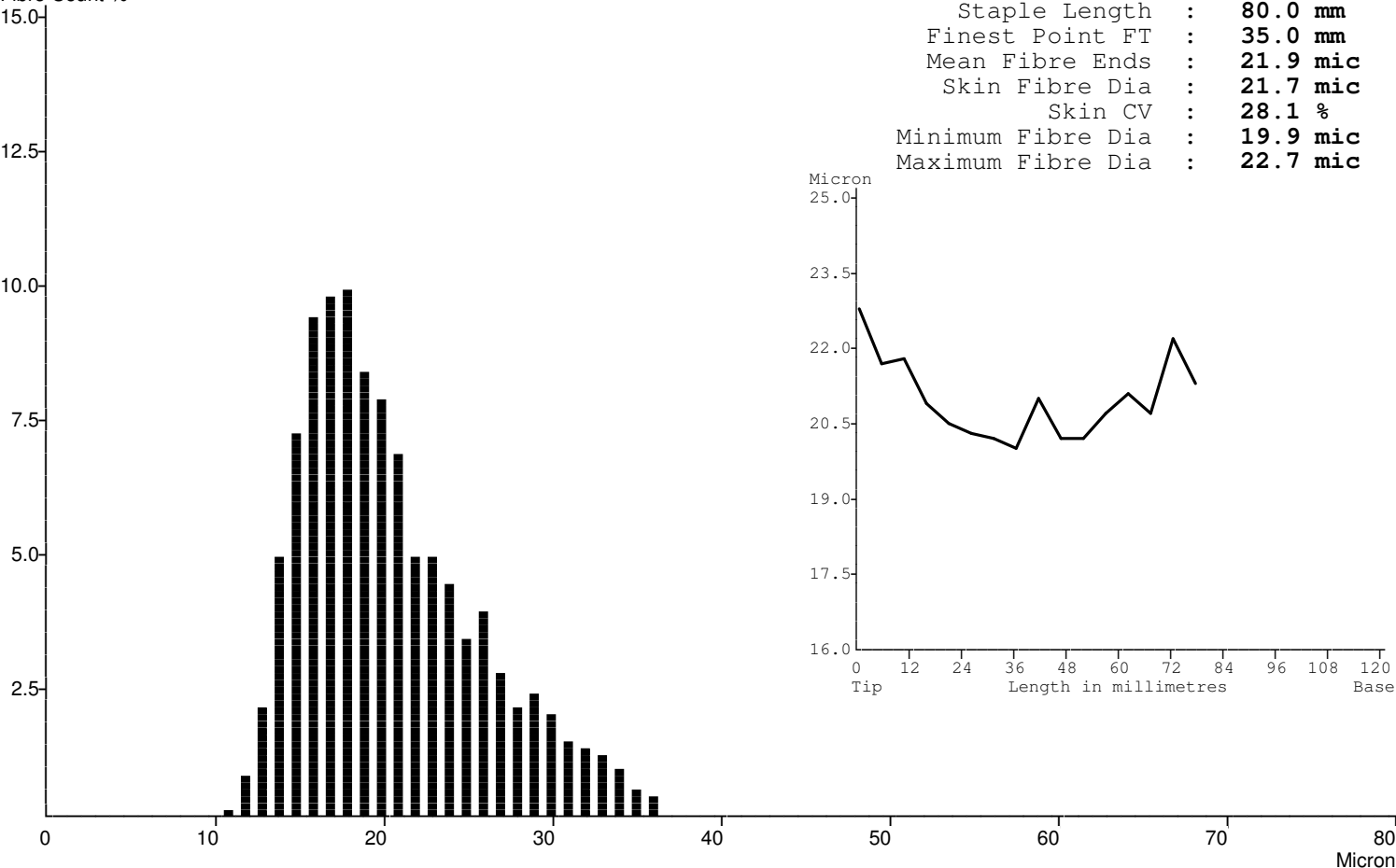
CV : **24.9 %**

CE : **4.6 %**

SF : **20.7 mic**

CF : **94.7 %**

Fibre Count %



**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.