

- ALPACA FIBRE ANALYSIS

Client
 Chrysalis Alpacas
 170 Doctors Creek Rd
 Clonbinane VIC

Date Sample Taken -
 Test No. CHR80117

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

Group ID. Full Group

Wool Growth - months

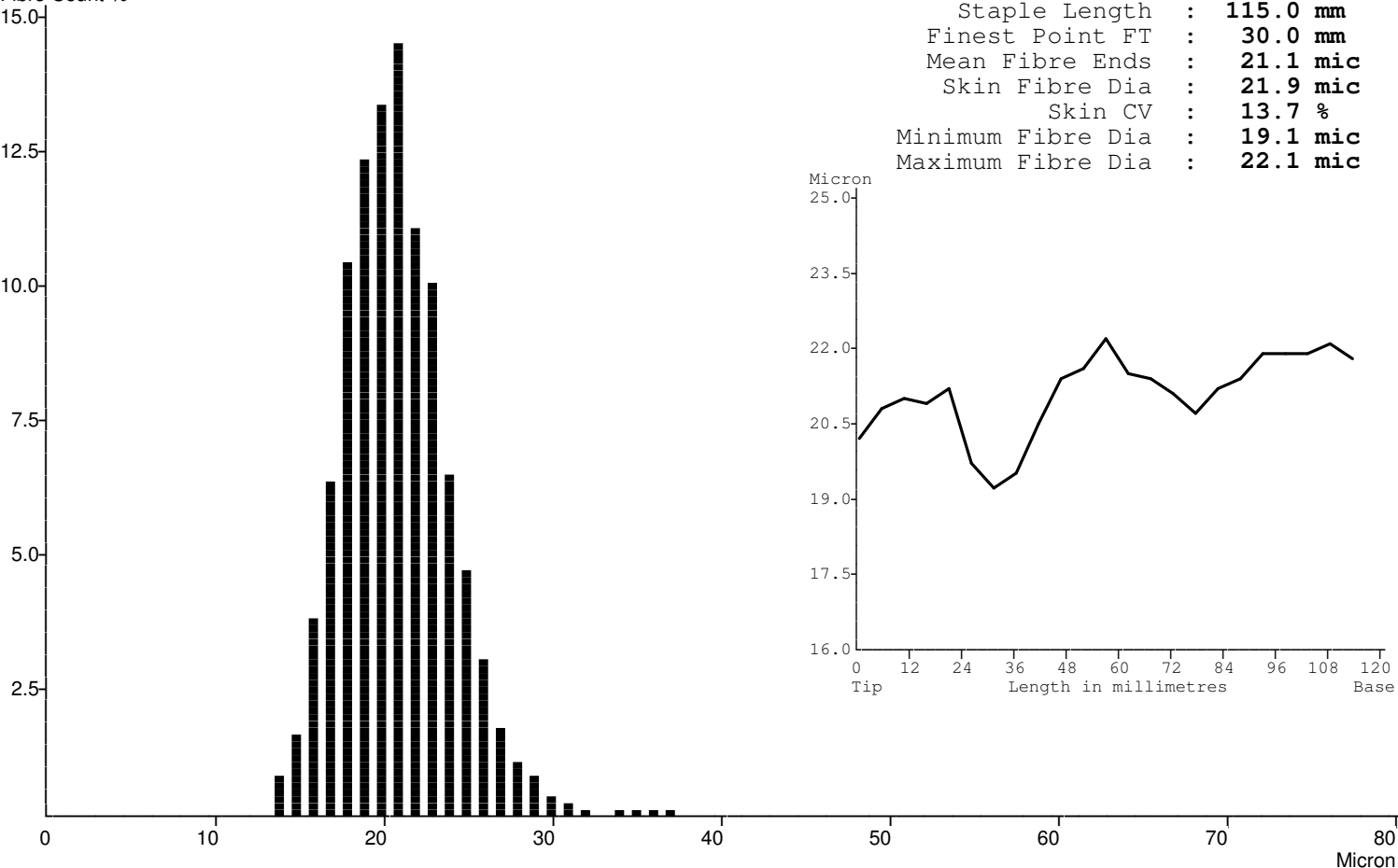
Age at Sample Date - months

Alpaca Name : **FABRICATION**

IAR Number : 108319
 Micron Deviation : -2.5 mic
 <15 : 0.8 %
 >30 : 0.8 %

Micron : 20.9 mic
 SD : 3.1 mic
 CV : 15.0 %
 CE : 0.6 %
 SF : 19.4 mic
 CF : 99.2 %

Fibre Count %



Micron Profile Graph

Staple Length : 115.0 mm
 Finest Point FT : 30.0 mm
 Mean Fibre Ends : 21.1 mic
 Skin Fibre Dia : 21.9 mic
 Skin CV : 13.7 %
 Minimum Fibre Dia : 19.1 mic
 Maximum Fibre Dia : 22.1 mic

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.