

- 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

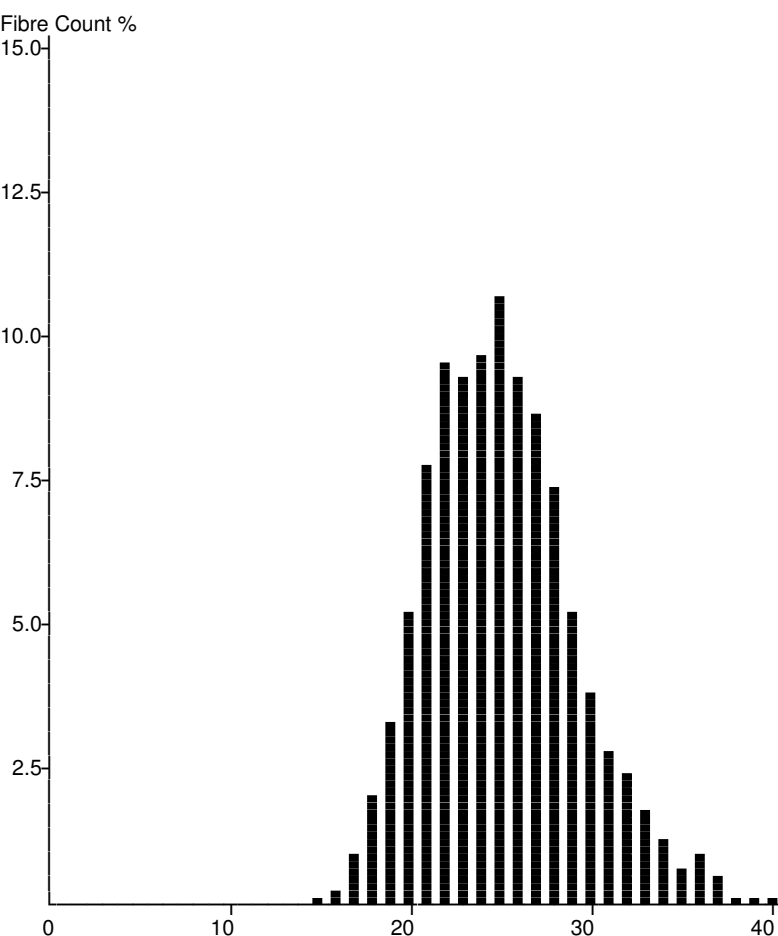
Wool Growth - months

Age at Sample Date - months

Alpaca Name : **KIPU**

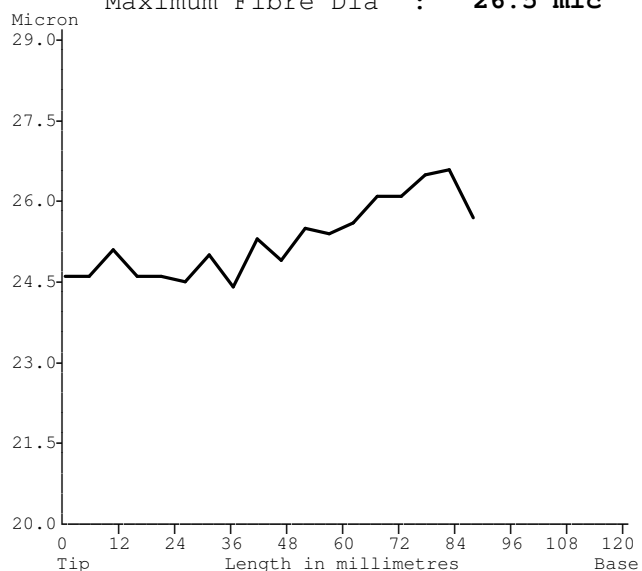
IAR Number : **A62360**
 Micron Deviation : **+1.8 mic**
 <15 : **0.1 %**
 >30 : **10.2 %**

Micron : **25.2 mic**
 SD : **4.1 mic**
 CV : **16.4 %**
 CE : **1.7 %**
 SF : **23.6 mic**
 CF : **89.8 %**



Micron Profile Graph

Staple Length : **90.0 mm**
 Finest Point FT : **35.0 mm**
 Mean Fibre Ends : **25.3 mic**
 Skin Fibre Dia : **26.0 mic**
 Skin CV : **15.4 %**
 Minimum Fibre Dia : **24.3 mic**
 Maximum Fibre Dia : **26.5 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.