

Conventional Manufacturers

Cellular Preparation Methodology Lyophilisation & Heat-Induced Sterilisation

PROCUREMENT

prepared as frozen blocks of raw material sourced from commercial animals

SHREDDING

raw materials chipped to shreds causing damage to cellular membrane structure

MINCING

Shreds minced on brugal plate causing further damage to cellular membrane structure

COOKING

Minced materials tipped to cooker with salts added under intense heating of $+125^{\circ}\text{C}$ to $+185^{\circ}\text{C}$ virtually destroying all bioactiveness in the extract

SEPARATION

Cooked solid material separated from liquid under intense heating

DRIED POWDER FORM Production Pathway

TRAYING

Solids spread on trays and sent to drying under heat

DRYING

Solids dried for 30+ hours at $+72^{\circ}\text{C}$ heating

Coarse milling and storage

Fine milling

Triple sieve

Pack, store and despatch

PASTE FORM Production Pathway

Liquid material passed through Ralbeek Screen

CONCENTRATION

liquid concentrated by heat application till paste base form (3 days) at intense heat of $+125^{\circ}\text{C}$ to $+185^{\circ}\text{C}$

Paste is prepared in Negal mixer adding 20:1 powder and soybean oil

Packed to pails

Store

Despatch