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PRODUCT SPECIFICATIONS SHEET

SUPER B SUB

Bacillus subtilis Fermentation Product 5B/gm

Description: SUPER B.SUB is a special *Bacillus subtilis* fermentation product designed to provide guaranteed microbial plate count for animal feed applications. SUPER B.SUB is useful when preparing products where a heat stable microbial is required, such as pelleting. SUPER B.SUB can be mixed with other DFM (Direct-fed Microbial) ingredients or used as a stand-alone ingredient as suggested in the recommended usage.

Ingredients: Dried *Bacillus subtilis* fermentation product, cellulase from *Trichiderma longibrachiatum*, and bacterial amylase from *Bacillus licheniformis*.

Guaranteed Analysis: Crude protein, greater than 12%. Crude fat, greater than 5%. Crude fiber, greater than 8%. Moisture, less than 10%.

Specifications: Total plate count of *Bacillus subtilis* not less than 5 billion cfu/gm, Cellulase 1200 CU/gm and Alpha Amylase 3200 BAU/gm.

Unit Definitions:

Cellulase - One cellulase unit is defined as the amount of activity that will produce a relative fluidity change of 1 in 5 minutes in a defined carboxymethyl cellulose substrate under the conditions of the assay (pH4.5 and 40°C).

Bacterial Amylase - One bacterial amylase unit (BAU) is defined as that quantity of enzyme which will dextrinize one milligram of starch per minute at pH 6.6 and 30°C.

Recommended usage level: Manufacturers concentration designed to be diluted to 1 B/gram strength for inclusion in finished feed.

Package Sizes: 25 kg. and 50 lb. multi-walled bag or boxes.

Storage Conditions: Store in a cool, dry place. Consult Safety Data Sheet for specific handling recommendations.

This feed is produced in a facility certified in the AFIA's Safe Feed/Safe Food Certification Program www.safefeedsafefood.org



MADE IN USA