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PRODUCT SPECIFICATIONS SHEET

ACCELOBAC® AG

Description: ACCELOBAC® AG is a culture blend of *Bacillus* strains of *Bacillus subtilis*, *B. amyloliquifaciens*, *B. licheniformis*, *B. megaterium*, *B. polymyxa* and *B. pumilus*. The product is designed specifically for use in aquaculture. It contains special microbial cultures selected for their ability to produce large quantities of digestive enzymes in an aquatic environment. The supplemented enzymes are quickly used and performance depends on subsequent production by the bacteria in ACCELOBAC® AG.

Ingredients: Spores of *Bacillus subtilis*, *Bacillus licheniformis*, *Bacillus amyloliquifaciens*, *Bacillus megaterium*, *Bacillus polymyxa* and *Bacillus pumilus*. Cellulase from *Trichoderma longibrachiatum*, Protease from *Bacillus licheniformis*, Lipase from *Aspergillus oryzae*, Amylase from *Bacillus subtilis* that is supplied on a wheat bran carrier. Other carriers may be available.

Activity:	Total plate count	1.5 billion CFU/gram
	Cellulase	1500 CU/gram
	Protease	1150 PC/gram
	Amylase	500 BAU/gram
	Lipase	25 FIP/gram

Unit Definitions: One cellulase unit (CU) 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). One bacterial protease unit (PC) is defined as that quantity of enzyme that produces the equivalent of 1.5 mg per mL of L-tyrosine per minute under the conditions of the assay. 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. One unit of enzyme activity (FIP Unit) is defined as that quantity of a standard lipase preparation (Fungi Lipase-International FIP Standard) that liberates the equivalent of 1µmol of fatty acid per minute from the *Substrate Emulsion* under the described assay conditions.

Storage Conditions: For optimal activity store in cool dry place under 90°F. Standard shelf life under these conditions is 1 year.

Precautionary Statement: Do not breathe dust. Do not get on skin or clothing. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Keep container closed and sealed until ready for use. Wash thoroughly after handling. Do not ingest.

Package Sizes: 25 kg. and 50 lb. boxes

MADE IN USA