



Britase Amylase

Granulated enzyme for cosmetics

Product information

Britase Amylase is a granulated enzyme specially designed to improve the performance of laundry detergents at low washing temperatures.

Enzymes such as amylase increase the performance on a broadscale of organic stains, specifically related to the substrate of each enzyme-type.

Amylases breaks down both the amylose and the amylopectin part of starch.

Amylopectins are not water soluble and therefore difficult to remove from an attached surface like fabrics. Amylopectins act as a glue.

Starches are one of the major components of our daily food.

Examples include corn, potatoes, wheat, and rice. These starches and modified starches are used in processed food such as gravy, baby food, porridges, pasta, pudding and sauces.

Product specifications

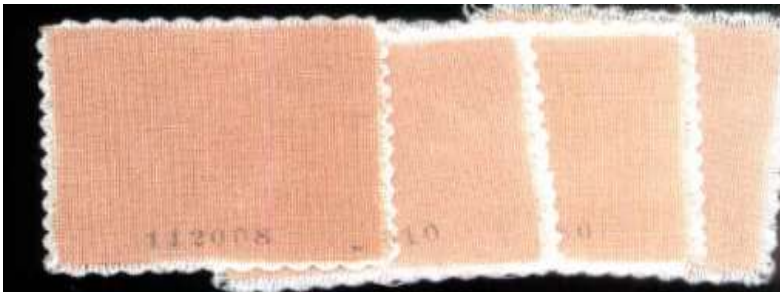
Description:	powder enzyme product
Enzyme activity:	amylase 37.000 - 48.000 U/g
Physical/chemical:	appearance off white granules bulk density 1.1 - 1.2 kg/l dust content max 70 ng/g
Composition:	sodium sulphate 30 - 50 % calcium carbonate 5 - 10 cellulose 5 - 10 dextrin 5 - 10 polyethylene glycol 5 - 10 fibres 5 - 10
Microbiological:	total viable count 0 - 50.000 CFU/g Production strain NEGATIVE
Storage conditions:	keep packaging intact, cool, dry, away from sunlight Shelf life 1 year 2 years in closed packing at 15°C

Manufacturing certifications: ISO 9001:2015
ISO 22000:2018
Halal

Safety and enzyme handling: Inhalation of enzyme dust, mists should be avoided. In case of contact with the skin or eyes, promptly rinse with water for at least 15 minutes. For detailed handling information, please refer to the appropriate Material Safety Data Sheet.

Technical

Figure 1: Example of a wash trail at 40°C, 8dH with EMPA 112 Detergent without Amylase (left) and Detergent plus increasing amount of Amylase (as of 2nd from the left to the right)



Non-GMO Declaration

Britase Amylase does not contain GMO products and itself is Non-GMO. The organisms producing Britase Amylase are selected from nature and bred by selecting the strongest strains.

Packaging

The product is available in 40kg HDPE drums
The packing can also be customized as per requirements.

Classification according to Regulation (EC) No 1272/2008

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