



Britase Protease

Granulated enzyme for laundry detergents

Product information

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

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

Proteases hydrolyze proteins into smaller molecules such as amino acids and poly peptides. Proteins can be found as example in grass, blood, egg (yolk), milk, gravy and perspiration.

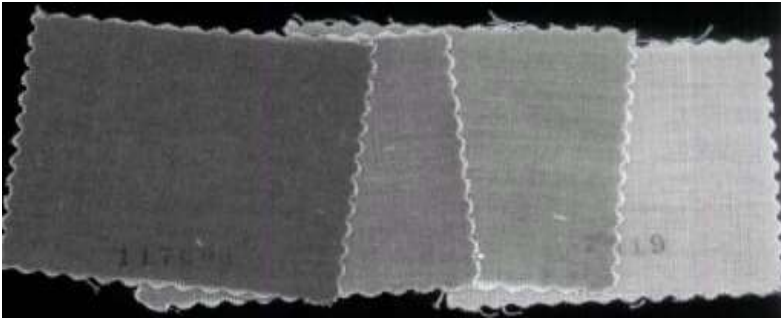
Product specifications

Description:	granular enzyme product
Enzyme activity:	protease min 130 - 160 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 117 Detergent without Protease (left) and Detergent plus increasing amount of Protease (as of 2nd from the left to the right)



Non-GMO Declaration

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

Packaging

The product is available in 40kg plastic bags protected by HDPE drums

Classification according to Regulation (EC) No 1272/2008

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