

Nutriline® FAA 101

February 2021 | Data Sheet | First Edition

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® = registered trademark of BASF SE

Articles	50729719	25 kg bag
	This product is vegetarian, halal, kosher	
Country of origin	EU	
Description	Light beige to beige colored powder.	
	Nutriline® FAA 101 is an enzyme preparation containing alpha-amylase (EC No. ¹ 3.2.1.1) and xylanase (EC No. 3.2.1.8) enzymes produced by non-genetically modified <i>Aspergillus oryzae</i> and <i>Aspergillus niger</i> , respectively, for use in baking. A separate GMO Statement is available on request to provide further details.	
	Used in yeast raised products to improve oven spring and volume.	
Composition	Ingredients in descending order of weight: Wheat flour, alpha-amylase, xylanase, dextrin.	
Standards	Nutriline® FAA 101 complies with the general specifications for food enzyme preparations as established by the Joint FAO/WHO Expert Committee on Food Additives (JECFA) and by the Food Chemicals Codex (FCC).	
Specification	For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's World Account: https://worldaccount.basf.com	
Storage conditions	The product should be stored at temperatures preferably below 25 °C, in a dry place.	
Shelf life	In its unopened original package under the mentioned conditions the product has a shelf life of 24 months.	
Definition of activity	One unit of alpha-amylase activity (U) is defined as the amount of enzyme which liberates 1 micromole of reducing sugars per minute from an acetic buffer solution containing 1 g starch per 100 mL at pH 5.0 and 40 °C.	
Applications	Nutriline® FAA 101 can be applied in various kinds of yeast raised product applications with soft texture (e.g., pan bread, sandwich bread, soft buns), as well as crispy texture (e.g., crispy bread, rolls, baguettes), to improve oven spring and volume.	

¹ Enzyme Commission Number (IUBMB)

Dosing	<p>The following dosing of Nutralife® FAA 101 is recommended:</p> <p>500 – 600 ppm (50 – 60 g/100 kg flour), based on flour weight.</p> <p>Detailed recipes are available on request</p>
Summary	<p>Nutralife® FAA 101 is a standardized enzyme preparation containing alpha-amylase and xylanase produced by non-genetically modified microorganisms. It is used in various kinds of yeast raised product applications to improve oven spring and volume.</p>
Safety	<p>Nutralife® FAA 101 must be handled in accordance with the Safety Data Sheet.</p>
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