

Technical Information

Enzymes



Nutriline® BCW 100

February 2021 | [Data Sheet](#) | First Edition

PRD-No. 30771969 / Page 1 of 2

® = registered trademark of BASF SE

Articles	50719686	25 kg bag
	This product is vegetarian, halal, kosher	
Country of origin	EU	
Description	White to off-white colored powder.	
	Nutriline® BCW 100 is an enzyme preparation containing protease enzyme (EC No. ¹ 3.4.24.28) produced by a selected strain of non-genetically modified <i>Bacillus subtilis</i> for use in baking. A separate GMO Statement is available upon request to provide further details.	
Composition	Ingredients in descending order of weight: Wheat flour, maltodextrin, protease, sunflower oil.	
Standards	Nutriline® BCW 100 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 12 months.	
Definition of activity	Protease activity was determined in terms of units (U), defined as the µmol of tyrosine equivalents released from casein per minute at pH 6.0 and 30 °C.	

¹ Enzyme Commission Number (IUBMB)

Applications	Nutralife® BCW 100 can be applied for making various types of biscuits, crackers, and wafers, as well as flour correction of organic baked goods.
Dosing	Following dosing of Nutralife® BCW 100 is recommended: 25– 125 ppm (2.5 – 12.5 g/100 kg flour), based on flour weight. Detailed recipes are available on request
Summary	Nutralife® BCW 100 is a standardized enzyme preparation containing protease produced by a non-genetically modified microorganism. Nutralife® BCW 100 modifies the gluten structure, improves dough machinability, and minimizes flour quality fluctuations for consistent production and product appearance. Applicable for both premixes and bread improvers.
Safety	Nutralife® BCW 100 must be handled in accordance with the Safety Data Sheet.
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