



PRODUCT SPECIFICATION

Product Name	Bade^{ER} STS, Food Grade	Document Code: SSP307 Issue Date: 13.01.2022 Revision No/Date:03/06.05.2022
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Product Description

Bade^{ER} STS is used as an emulsifier and stabiliser. It is produced by the esterification of sorbitol with stearic acid.

Application Area

It is permitted as a food additive in bakery products, toppings and coatings, fat emulsions, milk and cream analogues, beverage whiteners, edible ices, desserts, sugar confectionery including chocolate, emulsified sauces, dietary food supplements, chewing gum and dietetic foods.

Product Identification

Product Declaration	Sorbitan Tristearate, E492
Article No	UM.02.02.0004

Specification

Physical/Chemical Paramaters	Limits	Unit	Test Method
Appearance @25 °C	Waxy Flake or Granulle	N/A	Visual
Colour	Cream / Yellow coloured	N/A	Visual
Acid Value ,	7 Max.	(mg KOH/g)	AOCS Cd 3d-63
Saponification Value,	176 – 188	(mg KOH/g)	AOCS Cd 3-25
Hydroxyl Value	66 – 80	(mg KOH/g)	AOCS Cd 13-60
Moisture Content	1,5 Max.	%	AOCS Ca 2a-45
Sulphated Ash	0,5 Max.	% w/w	AOCS Ca 11-55
Iodine Value	2 Max.	gI ₂ /100g	AOCS Cd 1d-92
Melting point	approx. 55	°C	-
Microbiological Parameters	Limits	Unit	Test Method
Total Plate Count	5000 max.	cfu/g	EN ISO 4833-1
Yeasts and Moulds	100 max.	cfu/g	ISO 21527-2
Coliforms	<10 max.	cfu/g	ISO 4832
Salmonella	absent in 25 g	-	ISO 6579
Heavy Metal Parameters	Limits		Test Method
Arsenic (As)	3 max.	ppm	NMKL 186, NMKL 191, NMKL161
Lead (Pb)	2 max.	ppm	NMKL 186, NMKL 191, NMKL161
Mercury (Hg)	1 max.	ppm	NMKL 186, NMKL 191, NMKL161
Cadmium (Cd)	1 max.	ppm	NMKL 186, NMKL 191, NMKL161
Heavy metals (as Pb)	10 max.	ppm	NMKL 186, NMKL 191, NMKL161

Additional Information

No foreign matter (wood, metal, stone, etc.)

Not irradiated

Infestation Absent

Glass Absent

Pesticide Residues E.C. Limits



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Non-GMO product

Allergen Statement

ALLERGENS	YES	NO	POSSIBLE
Dairy Product/ derivative		X	
Egg/ Egg Products		X	
Wheat / Barley / Rye / Oats		X	
Wheat / Barley / Rye / Oat Products (Oil, Gluten, Protein)		X	
Corn/ Corn Products		X	
Soya/ Soya Products		X	
Other Grains / Grains Products (i.e. Rice)		X	
Peanut Products (Oil, Meal, Nuts)		X	
Other Nut Products (Oil, Meal, Nuts)		X	
Mono Sodium Glutamate		X	
Hydrolysed Protein (Animal / Vegetable)		X	
Sulphites		X	
Functional Additives (i.e. emulsifiers)		X	
Preservatives (i.e. Antioxidants)		X	
Fish/ Shell Fish Products		X	

Packaging and Shelf Life

Bade^{ER} STS can be supplied 20 kg LDPE lined Kraft packing

The recommended shelf life of packaged Bade^{ER} STS is 24 months from production date.

Product Labeling Details

Label showing artical no,product name, ingredients, net weight, date packed, shelf life, traceability, producer name & address, mandatory warnings and storage conditions.

Date Coding/Traceability

Serial No/Lot No, Best Before Date dd/mm/yyyy

Storage Conditions

Product to be stored on pallets away from walls in clean, cool and dry conditions and shall not be subjected to direct sunlight and foreign odours. No guarantee for open bags.

Certificates

BRC, ISO14001, ISO9001, Halal, Kosher.