

PHAGEX™ AS

PRODUCT DESCRIPTION SHEET

Code 1002	File name PDS1002	Analyst Ms. Shah	Version 03	Date 02/02/2022
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DESCRIPTION

PhageX™ AS anti-*Salmonella* phage is produced by fermentation using *Salmonella bongori* as a host strain which can effectively be applied as an intervention against *Salmonella* contamination on raw fresh meat and poultry.

KEY BENEFITS

- Prevents *Salmonella* contamination
- No organoleptic influence
- Clean label

APPLICATION AREAS

Raw fresh meats (e.g. Chicken carcass, Beef carcass)

DIRECTIONS FOR USE

PhageX™ AS is diluted with tap water (free chlorine < 1 ppm) to form 1% solution between +0 °C and 35 °C, and then sprayed onto raw meats.

*PhageX™ AS cannot be used directly in combination with harsh chemicals such as PAA, Lactic Acid, Chlorine and Bromine. As these chemicals react away quickly, PhageX™ AS can be used as a final intervention. Please contact us for specific information.

ACTIVITIES

PFU (phage forming units)/ml	≥2x10 ¹¹
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*The exact activity variations may occur from batch to batch.

HEAVY METALS

Total heavy metal (mg/kg)	≤2
Mercury (mg/kg)	≤0.5
Arsenic (mg/kg)	≤0.1
Lead (mg/kg)	≤0.1
Cadmium (mg/kg)	≤0.05

MICROBIOLOGICAL SPECIFICATIONS

Total Plate Count (CFU/g)	≤1
Yeasts and molds (CFU/g)	<10
Coliforms bacteria (CFU/g)	<10
<i>E.coli</i> (/25g)	Absent
<i>Salmonella</i> spp. (/25g)	Absent

PHYSICAL / CHEMICAL SPECIFICATIONS

Host bacteria	<i>Salmonella bongori</i>
Appearance*	Clear, colourless to slightly yellow liquid

Specific gravity	1.04 g/ml (+/-0.5%)
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*Appearance may vary from batch to batch.

PACKAGING

PhageX™ AS is available in 100 g/bottle with integral, tamper-proof seals. Packaging is available in other quantities.

Plastic bottle materials comply with Regulation (EU) No 1935/2004, 2023/2006 and 10/2011.

STORAGE

The shelf life is 12 months when store unopened below 4°C in dry conditions, away from direct sunlight and odorous products. When opened, store at approx. 4°C in original container.

ALLERGENS

Components	Yes / No
• Peanut or its derivatives	No
• Tree nuts, macadamia nuts, pecans, pine nuts, pistachios and walnuts or their derivatives	No
• Sesame or its derivatives	No
• Eggs or its derivatives	No
• Fish or its derivatives	No
• Crustaceans and shellfish or their derivatives	No
• Soy or its derivatives	No
• Wheat, triticale or their derivatives	No
• Mustard or its derivatives	No
• Milk or its derivatives (e.g. Lactose)	No
• Sulphites	No

CERTIFICATION STATUS

PhageX™ AS is certified by KOSHER and HALAL.

GMO STATUS

According to regulations EC No. 1829/2003 and 1830/2003 PhageX™ AS is non-GMO.

REGULATIONS

PhageX™ AS is accepted as a processing aid no labelling is required, approved by USDA/FDA GRAS, Australia, New Zealand, Israel, Switzerland, The Netherlands (EU) and Canada.

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The information contained in this file is based on our own testing analysis and is, to the best of our knowledge, reliable. Users should, however, conduct their own test to determine the suitability of our products for their own specific purposes.



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Freshcare
for **Quality**