



**National Standard of People's Republic of China**

**GB 29921-xxxx**

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**Food Safety National Standard**  
**Limit of Pathogens in Prepackaged Food**  
**(Draft for Comment)**

**Issued on xxxx-xx-xx**

**Implementation on xxxx-xx-xx**

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**Issued by National Health Commission of the People's Republic of China and State  
Administration for Market Regulation**

## Forward

This Standard takes the place of GB 29921-2013 *Food Safety National Standard – Limit of Pathogens in Prepackaged Food*.

As compared to GB29921-2013, the standard has made the following amendments:

- The name the Standard is amended;
- The description of “Scope” is amended;
- The description of “Application Principles” is amended;
- The requirement for the limit of pathogens in dairy products and foods for special dietary is supplemented;
- Part contents in “Table 1 Limit of Pathogens in Prepackaged Food” are amended;
- “Appendix A Description of Food Category (Name)” is supplemented.

# Food Safety National Standard

## Limit of Pathogens in Prepackaged Food

### 1 Scope

The standard stipulates the indicators of pathogens in prepackaged food and the requirement of limit and test method.

The standard is applicable for prepackaged food, and is not for food subject to commercial sterilization requirements.

### 2 Application Principles

**2.1** Food manufacturing, processing and operating owners shall take control measures to reduce the content level of pathogens in food and the possibility to cause risks as far as possible no matter if there is a limit of pathogens.

**2.2** The food category in Table 1 and Appendix A Food Category (Name) describe the applicable scope to define the limit of pathogens, which is only applicable for this Standard.

**2.3** The sampling scheme shall be performed according to the stipulation stated in GB 4789.1.  $n$  is the quantity of samples which should be collected for a same batch of product.  $c$  is the maximum quantity of samples which is allowed to exceed the value of  $m$ .  $m$  is an acceptable limit value of the pathogens indicator (Three-level sampling scheme) or the maximum safety limit value (Second-level sampling scheme).  $M$  is the maximum safety limit value of the pathogens indicator.

### 3 Indicator Requirements

See Table 1 for the limit of pathogens in prepackaged food.

**Table 1 Standard for the Limit of Pathogens in Prepackaged Food**

Food category	Pathogens indicators	Sampling scheme and limit (Expressed as /25g or /25mL if it is not designated)				Test method	Remark
		n	c	m	M		
<b>Dairy products</b>	Salmonella	5	0	0	-	GB 4789.4	
	Staphylococcus aureus	5	0	0	-	GB 4789.10	Only applicable for pasteurized milk and modified milk
		5	1	100CFU/g	100CFU/g		Only applicable for cheese and processed cheese
	Listeria monocytogenes bacteria	5	0	0	-	GB 4789.30	Only applicable for cheese and processed cheese
<b>Meat products</b>	Salmonella	5	0	0	-	GB 4789.4	-
	Listeria monocytogenes bacteria	5	0	0	-	GB 4789.30	
	Staphylococcus aureus	5	1	100CFU/g	100CFU/g	GB 4789.10	
	Diarrheogenic Escherichia Coli	5	0	0	-	GB 4789.6	Only applicable for beef products and instant raw meat products
<b>Aquatic products</b>	Salmonella	5	0	0	-	GB 4789.4	-
	Vibrio parahaemolyticus	5	1	100 MPN/g	100 MPN/g	GB 4789.7	Only applicable for instant raw animal fishery products
	Listeria monocytogenes bacteria	5	0	100CFU/g	-	GB 4789.30	
<b>Instant egg products</b>	Salmonella	5	0	0	-	GB 4789.4	-
<b>Cereal product</b>	Salmonella	5	0	0	-	GB 4789.4	-
	Staphylococcus aureus	5	1	100CFU/g	100CFU/g	GB 4789.10	
<b>Instant soy products</b>	Salmonella	5	0	0	-	GB 4789.4	-
	Staphylococcus aureus	5	1	100CFU/g	100CFU/g	GB 4789.10	
<b>Chocolate &amp; cocoa products</b>	Salmonella	5	0	0	-	GB 4789.4	

**Table 1 (continued) Standard for the Limit of Pathogens in Prepackaged Food**

Food category	Pathogens indicators	Sampling scheme and limit (Expressed as /25g or /25mL if it is not designated)				Test method	Remark
		n	c	m	M		
Instant fruit and vegetable products	Salmonella	5	0	0	-	GB 4789.4	Only applicable for uncooked fruit and vegetable products
	Staphylococcus aureus	5	1	100CFU/g (mL)	100CFU/g (mL)	GB 4789.10	
	Listeria monocytogenes bacteria	5	0	0	-	GB 4789.30	
	Diarrheogenic Escherichia Coli	5	0	0	-	GB 4789.6	
Beverages	Salmonella	5	0	0	-	GB 4789.4	-
Freezing drinkings	Salmonella	5	0	0	-	GB 4789.4	-
	Staphylococcus aureus	5	1	100CFU/g (mL)	1000CFU/g (mL)	GB 4789.10	
	Listeria monocytogenes bacteria	5	0	0	-	GB 4789.30	
Instant condiments	Salmonella	5	0	0	-	GB 4789.4	-
	Staphylococcus aureus	5	1	100CFU/g (mL)	1000CFU/g (mL)	GB 4789.10	
	Vibrio parahaemolyticus	5	1	100 MPN/g (mL)	1000 MPN/g (mL)	GB 4789.7	
Nut & seed products	Salmonella	5	0	0	-	GB 4789.4	-
Foods for special dietary	Salmonella	5	0	0	-	GB 4789.4	-
	Staphylococcus aureus	5	2	10 CFU/g	100CFU/g	GB 4789.10	
	Cronobacter (enterobacter sakazakii)	3	0	0/100g	-	GB 4789.40	

## Appendix A

### Description of Food Category (Name)

A.1 See Table A.1 for the description of food category.

Table A.1 Description of Food Category (Name)

Dairy products	Pasteurized milk		
	Modified milk		
	Acidified milk		
	Concentrated milk		
	Milk powder		
	Whey powder and whey protein powder		
	Single cream, cream and anhydrous milk fat		
	Cheese and processed cheese		
	Other dairy products (milk slice, milk cake and dairy fan, etc.)		
Meat products	Cooked meat products Sauced and pot-stewed meat products Smoked, braised and roasted meat products Fried meat products Western pork ham Sausage products Fermented meat products Cooked jerky products Other cooked meat products		
	Instant raw meat products		
	Aquatic products	Cooked animal aquatic products Cooked dry aquatic products Cooked or fried aquatic products Smoked and roasted aquatic products Fermented aquatic products Other cooked aquatic products	
		Instant raw animal fishery products	
		Instant algae products	
		Other instant aquatic products	
		Instant egg products	Reformed egg
			Other egg products
		Cereal product	Baked food
	Brewing cereal products		
Cooked starch products			
Cooked gluten products			
Cooked flour and rice products Stuffed flour and rice products Non-stuffed flour and rice products			

	Puffed cereal products
	Other cooked cereal products
Instant soy products	Non-fermented soy products
	Fermented soy products
	Soy protein products
Chocolate & cocoa products	Chocolate products
	Cocoa products
Instant fruit and vegetable products	Processed fruit Dried fruit products Vinegar, oil or salt marinated fruit Jam (puree) Preserved fruit Fermented fruit products Boiled or fried fruit Fruit dessert Other instant fruit products
	Processed vegetable Marinated vegetables Vegetable puree (sauce) Boiled or fried vegetables Other instant processed vegetables
	Edible mushrooms and its products
Beverage	Fruit and vegetable juice and its beverage
	Protein beverages
	Tea beverages
	Coffee beverages
	Plant beverages
	Special flavor beverages
	Beverages for special purposes
	Solid beverages
	Other beverages
Freezing beverage	Ice-cream
	Popsicle
	Ice frost
	Frost
	Ice sucker
	Special flavor ice
	Edible ice
	Other freezing beverage
Instant condiments	Soy sauce
	Sauce and sauce products

	Spices
	Aquatic condiment
	Compound condiment
	Other instant condiment
Nut & seed products	Nut and seed puree (sauce)
	Other instant nut and seed products (such as marinated nuts, etc.)
Foods for special dietary	Infant formulas food
	older infant and toddler formulas food
	Supplementary food for infants and toddlers
	Infant formulas food for special medical purposes
	Formulas food for special medical purposes
	Other foods for special dietary

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