

DOSAGE OF USE BY APPLICATION

FOOD	TARGET BACTERIA	DOSE (MG/KG)
BAKERY PRODUCTS		
BUNS	Bacillus cereus	150-250
DRINKS		
FRUIT JUICES	Alicyclobacillus acidoterrestris	30-60
TOMATO JUICE	Bacillus coagulans	200-500
BEER, WINE, FERMENTED DRINKS	Lactic acid bacteria (Lactobacillus, Pediococcus)	50 - 100
CULINARY		
LIQUID EGG PRODUCTS	Bacillus cereus, Lactobacillus innocua, Listeria monocytogenes	250-500
PASTEURISED SOUPS	Bacillus	100-250
DRESSINGS AND SAUCES	Lactic acid bacteria, Clostridium, Bacillus	50-200
ASPARAGUS	Clostridium sporogenes	400
OTHERS	Bacillus stearothermophilus	500
GREEN PEAS	Thermophilic spore forming bacteria, Bacillus stearothermophilus	10
BEANS IN TOMATO SAUCE	Clostridium thermosaccharolyticum	20
CANNED TOMATOES OR POTATOES	Bacillus coagulans, Bacillus subtilis mesentericum, Clostridium butyricum	100
DAIRY		
REDUCED FAT MILK	Bacillus spp.	50
STERILISED WHOLE MILK & CHOCOLATE MILK/MILK BASED BEVERAGES	Bacillus stearothermophilus, Mesophilic & thermophilic spoilage organisms	100
HTST & REDUCED HEAT TREATED MILK	Total plate count, (Lactobacillus spp., Bacillus spp.)	50 - 100
SKIM MILK	Listeria monocytogenes	25-50
PASTEURISED DOUBLE CREAM	Gram positive spoilage organisms	25-100
CLOTTED CREAM	Bacillus cereus	400
RIPENED CHEESE	Clostridium tyrobutyricum, Clostridium butyricum, Listeria monocytogenes, Listeria innocua	50-250
VARIOUS PROCESSED EMMENTAL & CHEDDAR CHEESES	Clostridium spp., Clostridium tyrobutyricum, Clostridium butyricum	100-250
PASTEURISED PROCESSED CHEESE	Cl. Botulinum	100-500
CHILLED DAIRY DESSERTS	Spoilage organisms, heat	50-100

	resistant spores (such Bacillus spp. or Clostridium spp.)	
MEAT, POULTRY & FISH		
FERMENTED SAUSAGES	Listeria monocytogenes	50-100
VACUUM SAUSAGES	Lactic acid bacterial and spoilage organisms	250-500
MORTADELLA	Listeria monocytogenes	125
COOKED HAM	Clostridium sporogenes	75-100

LEGAL ASPECTS AND APPROVALS OF NISIN BY APPLICATION

GEOGRAPHICAL AREA	TYPE OF FOOD	MAXIMUM LEVEL (MG/KG)
ABU DHABI	Pasteurised milk, processed cheeses and other dairy products; canned foods	No set limit
ALGERIA	Processed cheeses	100
ARGENTINA	Processed and fresh cheese	500
AUSTRALIA	Bakery products Cheeses, processed cheeses; canned goods, tomato paste; Beer	1000 No set limit
BAHRAIN	Pasteurised milk. Processed and cream cheeses	No set limit
BOLIVIA	Processed and cream cheeses	No set limit
BRAZIL	Processed and cream cheeses	500
BULGARIA	Cheese Ice for storing fish	200 No set limit
CHILE	Cheese	500
CHINA	Canned foods Dairy and meat products	200 500
COLOMBIA	Cheeses	500
COSTA RICA	Cheeses	No set limit
CROATIA	Cheeses Mascarpone	500 400
CYPRUS	Processed and cream cheeses	No set limit
CZECH REPUBLIC	Cheeses Semolina- or tapioca-based pudding	500 120
ECUADOR	All foods	No set limit
EGYPT	Processed cheeses	500
EUROPEAN UNION	Cream Processed cheese Semolina- or tapioca-based pudding Mascarpone Liquid egg	400 500 120 400 6.25 mgr/L
ICELAND	Processed cheese Semolina- or tapioca-based pudding	500 120
INDIA	Processed cheese Coconut water	100 125
INDONESIA	Processed cheese	500
ISRAEL	Cheeses (exc. soft white cheese)	No set limit
JORDAN	Processed cheeses	500

MALAYSIA	Cheeses, canned foods	No set limit
MAURITIUS	Canned foods, cheeses	No set limit
MEXICO	Permitted additive	No set limit
MOROCCO	Creams	400
	Processed cheeses	500
	Semolina- or tapioca-based pudding	120
NEW ZEALAND	Processed cheeses	500
	Beer	200
PANAMA	Cream cheese	No set limit
PARAGUAY	Processed cheeses	400
PERU	Permitted additive	No set limit
PHILIPPINES	Processed cheeses	100
QATAR	Milk and dairy products	No set limit
RUSSIA	Processed cheeses	200
	Canned vegetables	100
SAUDI ARABIA	Processed cheeses and other dairy products	500
SERBIA	Processed cheeses	500
SINGAPORE	Cheeses and canned foods	No set limit
SLOVAK REPUBLIC	Bakery products, sauces and mayonnaise, dairy and cream products, meat products, beer	500
SOUTH AFRICA	Cheeses and Processed Cheeses	500
SRI LANKA	Permitted additive	No set limit
TAIWAN	Cheese	125
THAILAND	Processed cheeses	100
TRINIDAD AND TOBAGO	Permitted additive	No set limit
TUNISIA	Cream	400
	Fresh and processed cheeses	500
TURKEY	Cream	400
	Fresh and processed cheeses	500
	Semolina- or tapioca-based pudding	120
UKRAINE	Vegetable preserves	100
	Hard paste and processed cheeses	500
URUGUAY	Fresh and processed cheese, cheeses	400
USA	Pasteurised and processed cheeses	1000
	Sauces and dressings	400
	Pasteurised soups	200
	Liquid egg	600
VENEZUELA	Processed cheeses	500
VIETNAM	Cheese	500



INDUKERN

ALIMENTACIÓN