

# Ovolys G

## LYSOZYME HYDROCHLORIDE

CONFORMS WITH: REG.178/2002, 852/2004, 853/2004, 2073/2005.

Not derived from genetically modified organisms. Allergens used: hen's egg extract.

Ovolys G is a purified enzyme based on Lysozyme, an instrument for microbial control particularly effective at breaking down the cell walls of gram+ bacteria, leading to the lysis of the cell through osmotic shock.

Ovolys G is effective against a number of clostridia responsible for the defect known as "late blowing", which can appear in cheeses while they mature.

### Composition

Lysozyme hydrochloride (E 1105)

Chemical and physical properties

Purity > 95%

Humidity ≤ 6 %

pH 3.0-5.0

Ashes ≤ 0,5 %

Chlorides ≤ 3,5%

Arsenic < 1 ppm

Amino nitrogen ≤ 0,5 %

Total nitrogen ≤ 17,5 %

Heavy metals < 10 ppm

### Microbiological characteristics

Total bacterial load ≤ 300 ufc/g

Enterobacteriaceae absent in 1 g

Yeasts and moulds < 10 ufc/g

*Salmonella spp* absent in 25 g

*Staphylococcus aureus* absent in 1 g

### Dosage

The best dosage to achieve the desired results should be established by performing small-scale trials and may vary according to individual needs.

The optimum dosage is generally between 2-2.5mg/litre.

### How to use

Ovolys G must be added (in solution form) to milk that has already been pasteurized, as heat treatment could deactivate the enzyme.

We recommend adding 1 part product to 10 parts water, mixing thoroughly until it has completely dissolved, then leaving it to settle for about 2 minutes before use.

### Storage

If kept in its original packaging and in an environment with a temperature under 20°C, this product will maintain its characteristics for more than a year.

### Pack sizes

Code 118190 - 5 kg packs



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