

NO-N

Technical Data Sheet

General information

Description

NO-N is a liquid mould culture consisting of a blend of *Penicillium roqueforti* strains, producing light-blue-green spores. The use of this culture ensures a controlled and fast development of the typical blue-green marbled appearance of blue veined cheeses. Due to medium-low proteolytic and medium-low lipolytic activity, the use of NO-N during ripening is suitable for maturation (softening the texture) and slow development of the aroma in creamy mild blue cheeses.

Application

The bottle should be vigorously agitated, under aseptically conditions, before direct inoculation into the milk before renneting.

Technical Information

Data are obtained under laboratory conditions, and consequently, should be considered as guidelines.

Trait	Result
Proteolytic activity	Medium-low
Salt tolerance	Medium
Lipolytic activity	Medium-low

Microbiological specifications

Assay	Result	Method (Reference)
<i>Penicillium roqueforti</i>	Min. 1.25x10 ⁹ CFU/dose	M81 (ISO 6611/IDF 94)
<i>Bacillus cereus</i>	< 100 CFU/g	M10 (ISO 7932)
Staphilococci coagulase positive*	< 10 CFU/g	M11(ISO 6888-1-2)
Enterobacteriaceae	< 1 CFU/g	M02 (ISO 21528-1-2-3)
<i>Listeria monocytogenes</i> *	Not detected in 25g	M13 (ISO 11290-1-2)
Unwanted moulds	< 10 USF/g	M34
Yeasts	< 10 CFU/g	M33
<i>Salmonella</i> spp.	Not detected in 25 g	M12 (ISO 6785/IDF 93)

* Analysed on regular basis. Analytical methods are available upon request.

Safety information

Heavy metal analysis

Heavy metal*	Amount (ppm)
Pb (lead)	< 1 ppm
Hg (mercury)	< 0.03 ppm
Cd (cadmium)	< 0.1 ppm

*Analyzed on a regular basis.

Safety sheet

This product is not hazardous; therefore provision of a Safety Data Sheet (SDS) is not mandatory (REACH Art. 31).

A Safety Information Data Sheet has been made as a voluntary presentation of certain information that may assist the user in the handling. The safety information is available upon request.

GMO status

Sacco organisms are not genetically modified (GMO), in accordance to the European Directive 2001/18/EC. This product does not require labelling with regard to the use of GMO, in accordance to Regulation (EC) No. 1829/2003, and Regulation (EC) No. 1830/2003.

Allergens	<p>This product is free of the following components and their products thereof: milk and derivatives, cereals containing gluten, crustaceans, eggs, fish, peanuts, soybeans, milk and derivatives (including lactose), nuts, celery, mustard, sesame seeds, sulphur dioxide and sulphite, lupin and molluscs.</p> <p>The list of allergens is in compliance with Regulation (EC) No. 1169/2011.</p>
BSE/TSE status	<p>This product is considered safe with respect to bovine spongiform encephalopathy (BSE) or transmissible spongiform encephalopathies (TSEs) transmissions in accordance to Regulation EMA 410/01 rev. 3.</p>
Other information	
Colorants	<p>This product does not contain added colorants, in accordance to Regulation (EC) No. 1333/2008.</p>
Packaging information	<p>The liquid mould culture is available in bottles of 5 doses (approx. 50 ml). The packaging material is food grade.</p>
Storage and shelf-life	<p>Sealed bottles should be stored at refrigerate temperature, 2°C - 8°C (35.6°F - 46.4°F). Under these conditions and in the original sealed package, the shelf-life of the product is 7 months.</p>
Certificate of analysis	<p>Lot's certificate of analysis is available upon request.</p>
Certifications	
General	<p>Certified FSSC 22000. Certificates are available in the web site www.saccosystem.com.</p>
Kosher	<p>Kosher approved. Please consult Certificates that are available in the web site www.saccosystem.com</p>
Halal	<p>Halal approved. Please consult Certificates that are available in the web site www.saccosystem.com</p>
Service and technical support	<p>Please contact your distributor for guidance and instructions for your choice of culture and processing. Information about additional package sizes and sales units is also available upon request.</p>
Liability	<p>The information provided is to the best of our knowledge true, and given in good faith. No guarantee against patent infringement is implied or inferred. This may not be the most updated version of the TDS. For the latest version of this document, please visit our website or contact your distributor.</p>