

Roosendaal, October 2022

Re. : Sisterna BV – Microbiological analyses
 File : 03.Micro-analyses
 Our reference: CW

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	Manufacturer DKS guarantees	Sisterna checks
Microbiological analyses	Every batch on:	At random, minimum 1 time per year on:
Total plate count (bacteria) SIS-26	≤100 cfu/g	<25 cfu/10 gram ¹
Fungus ³ SIS-27	≤100 cfu/g	
	At random, minimum 1 time per year on:	At random, minimum 1 time per year on:
Moulds ³ SIS-12	absent in 0.1 gram	<25 cfu/10 gram ¹
Yeast ³ SIS-12	absent in 0.1 gram	<25 cfu/10 gram ¹
<i>Salmonella</i>	absent in 25 gram	absent in 25 gram ²
<i>E. coli</i>	absent in 0.1 gram	absent in 25 gram ²
<i>Staphylococcus aureus</i>	absent in 0.1 gram	absent in 10 gram ²
<i>P. aeruginosa</i>	absent in 0.1 gram	absent in 10 gram ²
<i>C. albicans</i>	absent in 0.1 gram	absent in 10 gram ²
<i>A. niger</i>	absent in 0.1 gram	-
<i>Listeria monocytogenes</i>	absent in 25 gram	absent in 10 gram ²
<i>Bacillus cereus</i>	absent in 0.01 gram	<10 cfu/10 gram ¹
<i>Clostridium perfringens</i> spores	≤30 cfu/g	<10 cfu/10 gram ¹
Enterobacteriaceae	-	absent in 25 gram ²
Total thermophilic, aerobic spores	≤300 cfu/g	<10 cfu/10 gram ¹

¹ These analyses are quantitative, which means that micro-organisms that grow are counted. The result “<10” or “<25” means that no micro-organism was found, but as the sample taken was <10 g, we state “<10” or “<25”.

² These analyses are qualitative, which means that there is an accumulation of micro-organisms, in order to give damaged micro-organisms the opportunity to grow. When no micro-organism is found, we state “absent”.

³ Fungus (includes moulds and yeast) are checked on every batch. This test is performed at the production site, and all batches should pass the lowest detection limit of < 100 cfu/g. The absence of moulds and yeast in 0.1g is guaranteed by a different more extensive test that is performed randomly.

Analyses methods:

Coliforms: NEN-EN-ISO 4832:2006

B. cereus: NEN-EN-ISO 7932:2004

L. monocytogenes : NEN-EN-ISO 11290 1/A1 and 2/A1

Cl. Perfringens spores: NEN-ISO 15213:2003

E. coli: NEN-ISO 16649-2:2001

Salmonella: ISO 6579:2002/C

S. aureus: NEN-EN-ISO 6888-3:2003

C. perfringens: NEN-EN-ISO 7937

Sisterna B.V.

Christel Wouters
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