

Listeria spp. CONTROL SHEET

LY-L07

SCQ LY-L07 (37) 17.09

ANALYTICAL METHOD

MBS - MICRO BIOLOGICAL SURVEY

Gram-positive, non spore-forming, facultative anaerobic microorganisms, resistant to many antibiotics. Grow at pH between 5 and 9 and in the presence of NaCl to 10%. Catalase positive, oxidase negative, do not hydrolyze urea, gelatin and casein. Do not reduce nitrates and do not produce indole nor hydrogen sulfide.

INCUBATION
TEMPERATURE

37 °C

COLOR OF ANALYSIS AT START



COLOR OF ANALYSIS
AT END



POSITIVE



NEGATIVE



CONTAMINATION
[CFU/g] [CFU/ml]
[CFU/100cm²]

10⁸

10⁷

10⁶

10⁵

10⁴

10³

10²

10

1

0

TIME OF COLOR CHANGE
[hours.minutes]

Water

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Meat

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Fish

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Dairy product

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Vegetables

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Other

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

Surfaces

< 4.00

4.00

8.00

12.00

16.00

20.00

24.00

28.00

23.00

36.00

QUANTITATIVE ANALYSIS

According to main standards and EU Regulations

TYPE OF SAMPLE

U.M.

LIMIT OF
ACCEPTABILITY

TIME OF
OBSERVATION
[hours.minutes]

FOOD

Foods for infants and for special medical purposes (according to Reg.to CE 2073/05)

CFU/25g

0

36.00

Other foods than those intended for infants and for special medical purposes who are able to support growth of *Listeria monocytogenes*

CFU/25g

0

36.00

Meat and preparations of meat

CFU/25g

0

36.00

Washed vegetables; precut vegetables (ready to eat)

CFU/25g

0

36.00

Preparations of mixed ingredients (ready to eat)

CFU/25g

0

36.00

Pasteurized milk

CFU/25g

0

36.00

Soft cheeses (made from heat-treated milk); cheeses made from raw milk

CFU/25g

0

36.00

First, second courses and vegetables cooked

CFU/25g

0

36.00

Frozen fishery products

CFU/g

10²

24.00

Frozen vegetables and fruits

CFU/g

10²

24.00

SURFACES

Worktops; tools

CFU/cm²

0

36.00

Hands

CFU/cm²

0

36.00

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