

# *Listeria* spp. CONTROL SHEET

**LY-L07**

SCQ LY-L07 (37) 19.09

<b>ANALYTICAL METHOD</b>				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.								
MBS - MICRO BIOLOGICAL SURVEY												
<b>INCUBATION TEMPERATURE</b>	<b>COLOR OF ANALYSIS AT START</b>			<b>COLOR OF ANALYSIS AT END</b>			<b>POSITIVE</b>			<b>NEGATIVE</b>		
	37 °C											
<b>CONTAMINATION</b> [CFU/g] [CFU/ml] [CFU/100cm <sup>2</sup> ]		10 <sup>8</sup>	10 <sup>7</sup>	10 <sup>6</sup>	10 <sup>5</sup>	10 <sup>4</sup>	10 <sup>3</sup>	10 <sup>2</sup>	10	1	0	
<b>TIME OF COLOR CHANGE</b> [hours.minutes]	<b>Water</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Meat</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Fish</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Dairy product</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Vegetables</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Other</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	
	<b>Surfaces</b>	5.00	8.00	15.30	22.50	30.00	37.00	45.50	52.00	58.00	60.00	

## QUANTITATIVE ANALYSIS

According to main standards and EU Regulations

TYPE OF SAMPLE	U.M.	LIMIT OF ACCEPTABILITY	TIME OF OBSERVATION [hours.minutes]
<b>FOOD</b>			
Foods for infants and for special medical purposes	CFU/25g	0	60.00
Fresh pastry ready for consumption; pastry preparations	CFU/25g	0	60.00
Meat and preparations of meat	CFU/25g	0	60.00
Washed vegetables; precut vegetables (ready to eat)	CFU/25g	0	60.00
Preparations of mixed ingredients (ready to eat)	CFU/25g	0	60.00
Raw milk and heat-treated milk	CFU/25g	0	60.00
Cheeses and products based on raw or treated milk at low temperatures	CFU/25g	0	60.00
First, second courses and vegetables cooked	CFU/25g	0	60.00
Fishery products frozen and ready to eat	CFU/g	0	60.00
Egg product	CFU/g	0	60.00
<b>SURFACES</b>			
Worktops; tools	CFU/cm <sup>2</sup>	0	60.00
Hands	CFU/cm <sup>2</sup>	0	60.00