

ATTACHMENT 1 - CONTROL REQUIREMENTS for *LISTERIA MONOCYTOGENES*

REQUIREMENTS	>INCREASING RISK LEVELS AND FREQUENCY OF FSIS VERIFICATION TESTING >>>>				
	ALTERNATIVE 1	ALTERNATIVE 2		ALTERNATIVE 3	
	Post-lethality Treatment (PLT) AND Antimicrobial Agent or Process	Post-lethality Treatment (PLT) OR Antimicrobial Agent or Process		Sanitation and Testing Program	
		Choice 1	Choice 2	Non-deli or Hotdog Product	Deli or Hotdog Product
	Post-Lethality Treatment	Antimicrobial Agent or Process			
Validate effectiveness of post-lethality treatment (PLT). Must be included as a CCP in the establishment's HACCP Plan and should show at least a 1 log reduction in <i>Lm</i> prior to distribution of the product into commerce.	X	X			
Document effectiveness of antimicrobial agent or process. Must be included as part of the establishment's HACCP, Sanitation SOP, or Pre-requisite program and should demonstrate no more than 2-logs growth of <i>Lm</i> over estimated shelf life.	X		X		
Sanitation Program Requirements¹			X	X	X
Testing food contact surfaces (FCS) in the post-lethality processing environment for <i>Lm</i> or an indicator organism.			X	X	X
Indicate testing frequency.			X	X	X
Identify size and location of sites to be tested.			X	X	X
Explain why testing frequency is sufficient to control <i>Lm</i> or an indicator organism.			X	X	X
Identify conditions for Hold-and-Test, when FCS (+) for <i>Lm</i> or an indicator organism.			X	X	X
Additional Sanitation Program Requirements²					X
Follow-up testing to verify corrective actions are effective after 1st FCS (+) for <i>Lm</i> or an indicator organism. Includes testing of targeted FCS as most likely source and additional testing of the surrounding area.					X
If follow-up testing yields a 2nd FCS (+), hold products that may be contaminated until problem is corrected as shown by FCS (-) in follow-up testing.					X
Hold and test product lots using a sampling plan that will ensure that the lots are not adulterated with <i>Lm</i> and document the results of this testing. Alternately, rework the product with a process destructive of <i>Lm</i> or an indicator organism.					X

For further information see the following links:

- [9 CFR 430.4](#)
- [FSIS Directive 10,240.4, Rev.2](#)
- [FSIS Directive 10,240.4, Rev 2 Related Documents](#)
- [Listeria Fact Sheets](#)

¹ Sanitation program requirements as found in [9 CFR 430.4\(b\)\(2\)\(iii\)](#) or (b)(3)(i)

² Additional sanitation program requirements as found in [9 CFR 430.4\(b\)\(3\)\(ii\)](#)