

Forenklet testrapport

Simplified Test Report



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Oppdragsgiver Client Lycø Arctic Sverre Paakse Postboks 63 N-2120 Sagstua Norway		Utførende enhet/lab. Department/laboratory responsible Teknologisk Institutt as Materialteknologi Pb. 1019 3601 KONGSBERG	
Arb.ordre nr. Work order no. 3020-11-0135			
Kundens ref. Client's ref. Sverre Paakse	Best./ordre nr. Order-/ref.no -	Oppdrag mottatt In date 11.04.11	Testansvarlig Test responsible Sharon M. Løver
Beskrivelse Description Testing the effect of Oxitrate against listeria and salmonella bacteria		Annen informasjon Other information J. nr: 80-11	
Akkreditert test (ISO 17025) Accredited test (ISO 17025) <input type="checkbox"/> Ja Yes <input checked="" type="checkbox"/> Nei No	Prøvetaking utført av TI Sampling by TI <input type="checkbox"/> Ja Yes <input checked="" type="checkbox"/> Nei No	Kravspesifikasjon Requirements spec. -	
Beskrivelse av test/testresultater Description of test/test results <u>Inquiry:</u> The National Institute of Technology received an inquiry with regards to testing of a 1% Oxitrate solution against bacteria, more specifically listeria and salmonella bacteria. It was specified that this would be a surface test. <u>Procedure:</u> A surface was exposed to the bacteria Listeria monocytogenes. This surface was first tested for the presence of the bacteria in question, disinfected with a 1% solution of Oxitrate and retested for the presence of Listeria bacteria. The surface was tested for presence of the bacteria using 3M™ Petrifilm. A similar surface was exposed to the bacteria Salmonella Bongori. This surface was first tested for the presence of the bacteria in question, disinfected with a 1% solution of Oxitrate and retested for the presence of Salmonella bacteria. The surface was tested for the presence of the bacteria with the media BGA and BGA+SS media.			

SK 0017.1e - N/E

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Results:

Bacteria	Surface before disinfecting	Surface after disinfecting
Listeria	Positive results for the presence of listeria bacteria	Negative results for the presence of listeria bacteria
Salmonella	Positive results for the presence of salmonella bacteria	Negative results for the presence of salmonella bacteria

The surface tested positive for Listeria bacteria after exposure to the bacteria but before disinfecting. After disinfection of the surface with a 1% solution of Oxitrate the tests showed no signs of Listeria bacteria present on the surface.

The surface tested positive for Salmonella bacteria after exposure to the bacteria but before disinfecting. After disinfection of the surface with a 1% solution of Oxitrate the tests showed no signs of Salmonella bacteria present on the surface.

Conclusion:

A 1% solution of Oxitrate is a very effective disinfectant against Listeria and Salmonella bacteria.

Godkjent i.h.t. krav *Approved acc. to requirements*

Ja *Yes* Nei *No* Ikke relevant *Not applicable*

Prøvearkivering *Sample filing*

Ja *Yes* Nei *No*

Dato *Date*

29.05.11

Signatur *Signature*

Sharon M. Løver

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