

Certificate of Quality

Product Description: Hydra-Sponge w/ Neutralizing Buffer
Product Number: HS10NB
3M ID: 70200750837
ERP #: 7100067927
Lot Number: 33FAY6
Expiration Date: 2022-08-04

Release Specifications:

Representative samples were examined for pH, any detectable biocide activity in the cellulose sponge, and survival of low levels of test organisms inoculated into the product.

pH of Medium: (specification is 7.2 +/- 0.2): 7.2

Biocide Activity of Sponges: None detected.

Neutralizing Ability:

The neutralizing test was conducted as follows:

Neutralizing Buffer is collected by expressing liquid from the sponge and aseptically removing from the sample bag for testing. Neutralizing ability is then evaluated by inoculating low levels of organisms into Neutralizing Buffer which has been supplemented with a quaternary ammonium compound (QAC). The concentration of the QAC used is known to be toxic to the test organisms in media without neutralizing agents.

For comparison, test organisms are also inoculated into the Neutralizing Buffer without the QAC. Each broth is incubated at 35°C for 1 hour. In order to pass the neutralizing test, the counts for the Neutralizing Buffer with QAC must show no more than a 0.2 log decrease when compared to the non-supplemented Neutralizing Buffer tubes.

Microorganism Panel	Log of Colony Forming Units/ml	
	Neutralizing Buffer	Neutralizing Buffer & QAC
<i>Escherichia coli</i> ATCC 25922	1.96	1.99
<i>Listeria monocytogenes</i> ATCC 7644	2.03	2.01

The results met specification for survival of test organisms in this product.

Terminal Irradiation Processing Parameters

This product has been subjected to Gamma irradiation as a terminal process. The minimum and maximum delivered met established specifications for this product.

Approval Status:

This lot was found to be satisfactory and was released for commercial sale.

Signed:	
Name:	Lola K. Johnson
Date:	08/11/2021 8:49 AM

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