



Sample Collection

Product Manufacturing Certificate

Certificate of Analysis

3M Product: 3M™ Sponge-Stick with Neutralizing Buffer
3M Catalog Number: SSL10NB
3M Lot Number: 33R7LT
3M Stock Number: 70-2007-5095-1

Chemical and Physical Testing

Parameter	Specification	Result	Pass
pH	7.2 ± 0.2	7.3	Yes
Biocide Activity of Sponges	None Detected	None Detected	Yes

Microorganism Testing

Neutralization Ability of Medium*

Log Colony Forming Units/mL

Organism Tested	Neutralizing Buffer	Neutralizing Buffer + QAC	Pass
<i>Escherichia coli</i> ATCC 25922	2.12	1.97	Yes
<i>Listeria monocytogenes</i> ATCC 7644	2.21	2.15	Yes

*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 the product, which has been supplemented with a quaternary ammonium compound (QAC) and holding @ 4° C for 1 hour. 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.

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.

This letter certifies that the product described above has been tested and found to comply with 3M's product performance specifications applicable to subject device at time of manufacture. Visit the 3M Food Safety website, www.3m.com/foodsafety for additional information. 3M is certified to ISO 9001 through an independent agency.

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