CERTIFICATE OF ANALYSIS

Hydrated-Sponge with Neutralizing Buffer, with Gloves

Lot No. HB1110251F
Expiration Date: 2026-11-10

Item No. 700002002
Catalog No. HS10NB2G

Chemical and Physical Testing

Parameter	Specification	Results	Pass
pH	7.2± 0.2	7.2	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
Escherichia coli ATCC 25922	2.06	2.01	Yes
Listeria monocytogenes ATCC 7644	2.3	2.36	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.

The data above was generated using all components within the product lot.

Variances in data may occur. These are the minimum criteria when testing in a controlled setting as listed above. External factors such as stress from shipping, storage conditions, handling or contamination of components may cause loss of color activity. Neogen Corporation certifies that this test kit lot has met all internal quality control specifications for this product.

CAUTION: DO NOT USE QC RESULTS FOR DETERMINATIONS.

Date: 2025-12-04
Created By:

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