CERTIFICATE OF ANALYSIS

Environmental Scrub Sampler Stick w/ 10 mL Wide Spectrum Neutralizer

Lot No. HE0922261F
Date of Manufacture: 2026-09-22
Expiration Date: 2027-12-22

Item No. 700002338 Catalog No. ESS10WSN

Chemical and Physical Testing

Parameter	Specification	Pass
Clarity	Clear	Yes
Precipitate	None	Yes
Color	Brownish Yellow	Yes

Parameter	Specification	Results	Pass
pH	7.2 ± 0.2	7.1	Yes

Microorganism Testing
Survival of Inoculated Organisms* Log Colony Forming Units/mL

Organism Tested	Time Zero	One Hour	Pass
Escherichia coli ATCC 25922	2.08	2.00	Yes
Listeria monocytogenes ATCC 7644	1.99	2.02	Yes
Salmonella typhimurium ATCC 14028	2.18	2.17	Yes

*Survival of test organisms was evaluated by inoculating low levels of these bacteria into the product and holding @ 4°C for 1 hour.

Neutralization Ability of Medium* Log Colony Forming Units/mL (One hour after inoculation)

Organism Tested	Neutralizing Buffer	Neutralizing Buffer + QAC	Pass
Escherichia coli ATCC 25922	2.00	2.01	Yes
Listeria monocytogenes ATCC 7644	2.02	2.05	Yes
Staphylococcus aureus ATCC 25923	2.01	2.09	Yes

*Neutralizing ability is 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.

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: 2026-10-06
Created By:

Olga Assa
Quality Control Unit

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