thermo scientific

Certificate of Quality

Product Name:Triple Wrap Settle TSA w/Neut 100/pkLot Number:212417

Product Number: R111TW2 Expiration Date: 2025-10-13 (YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

Organism Challenge	ATCC	Results
Bacillus subtilis	6633	Pass
Escherichia coli	8739	Pass
Pseudomonas aeruginosa	9027	Pass
Staphylococcus aureus	6538	Pass
Staphylococcus epidermidis	12228	Pass
Kocuria rhizophila	9341	Pass
Clostridium sporogenes	19404	Pass
Candida albicans	10231	Pass
Aspergillus brasiliensis	16404	Pass

A pass result indicates organism produced the expected morphology indicative of the challenge organism within the required time period. Inoculation levels of 10-100 CFUs were utilized for challenge testing. All bacteria are incubated at 30-35°C for not more than 72 hours and and fungi were incubated at 30-35°C for not more than 5 days. Additionally, *B.subtilis* was incubated at 20-25°C for not more than 72 hours and fungi were incubated at 20-25°C for not more than 5 days. The results meet USP Growth Promotion requirements.

Physical Characteristics:

Appearance:	Light to Medium Amber, Clear Agar
pH @ 20-25°C:	7.3 +/- 0.2

Sterility Assurance:

This product has been terminally sterilized by irradiation exposure within the range of 14.5-22.0 kGy. Manufactured lot has been statistically sampled prior to irradiation. Samples were acceptable for microbial content and aesthetic value following 7 days of incubation at $20-25^{\circ}$ C and 7 days of incubation at $30-35^{\circ}$ C.

Certificate results were obtained at time of release. End users are encouraged to assure product meets internal standards at time of use.

Signed

John

Senior Quality Assurance Engineer