## thermo scientific

### **Certificate of Quality**

# Product Name:Triple Wrap Contact TSA w/Neut 100pkLot Number:269061

Product Number: R111TW1 Expiration Date: 2026-03-04 (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 were incubated at 30-35°C for not more than 72 hours 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 or exceed USP Growth Promotion requirements.

#### **Physical Characteristics:**

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

### **Sterility Assurance Level:**

This product has been terminally sterilized by irradiation exposure at a level of 14.5 - 22.0kGy. Manufactured lot has been statistically sampled. Samples were evaluated and found acceptable for microbial content and aesthetic value following 7 days incubation at 20-25°C and 7 days incubation at 30-35°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