



PRODUCT SPECIFICATION

Product Name	Pro-Tect TWI (Contact Plate)
Product Code	PO0678D

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	13.5 g ± 5 %
Packaging	10 plates, triple-wrapped in foil
Dose of irradiation	11.5 – 20 kGy
pH	7.3 ± 0.2
Colour	Straw, clear
Shelf life	14 weeks
Intended Usage	For the enumeration of total viable organisms on surfaces after cleaning and disinfection. For professional use only.
Technique	In accordance with customer's own Standard Operating Procedures. For information see Oxoid CM131.

Typical Formulation	grams per litre
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Lecithin	0.7
Histidin	1.0
Sodium thiosulphate	0.5
Tween 80	5.0 ml
Agar	20.0

Quality Control

- Control for general characteristics, labelling and printing
- Control for sterility
5 days @ 22 ± 1°C, aerobic
5 days @ 32 ± 1°C, aerobic
- Biological control
Inoculum size for productivity: 10 – 100 cfu

Incubation conditions:
Up to 3 days @ 30-35°C, aerobic for bacteria
Up to 5 days @ 20-25°C, aerobic for fungi

Control Strain	Growth
<i>Escherichia coli</i> ATCC® 8739	3 – 5 mm, cream colonies.
<i>Staphylococcus aureus</i> ATCC® 6538	1 – 3 mm, straw colonies.
<i>Pseudomonas aeruginosa</i> ATCC® 9027	2 – 5 mm, straw colonies.
<i>Bacillus subtilis</i> ATCC® 6633	3 – 9 mm, irregular straw colonies.
<i>Candida albicans</i> ATCC® 10231	2 – 3 mm, cream colonies.
<i>Aspergillus niger</i> ATCC® 16404	10 – 30 mm, white mycelia, black spores.

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Tested in accordance with BP/EP/JP/USP. Clearly visible growth within 3 days for bacteria and within 5 days for fungi. Colony count shall be equal to or greater than 50% of the control medium.