

Product Specification Sheet

Tryptone Soya Agar (ISO11133)

Intended Usage: A general purpose medium for the growth of a wide variety of organisms.

For professional use only.

PO5321A	
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Thermo Scientific™ Tryptone Soya Agar (ISO11133)

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	17 g ± 0.5 g
Packaging	10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	26 weeks
Intended Usage	A general purpose medium for the growth of a wide variety of organisms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0131.

Typical formulation*	g/l
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Agar	15.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination Check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic	
<i>Staphylococcus aureus</i> ATCC® 25923™ (WDCM 00034)	1 – 2 mm, cream shiny colonies.
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012)	2 – 10 mm, cream colonies.
Inoculum 50 – 120 cfu, quantitative Incubation conditions: 18 – 48 h @ 30 ± 1°C, aerobic	
<i>Bacillus cereus</i> ATCC® 11778™ (WDCM 00001)	5 – 10 mm, cream colonies.
<i>Bacillus subtilis subsp. spizizenii</i> ATCC® 6633™ (WDCM 00003)	2 – 8 mm, cream colonies.
Inoculum 50 – 120 cfu, quantitative Incubation conditions: 40 – 48 h @ 36 ± 1°C, aerobic	
<i>Listeria monocytogenes</i> ATCC® 13932™ (WDCM 00021)	1 – 2 mm, cream shiny colonies.
Colony counts shall be ≥ 70 % of the control medium TSA	

Positive Controls	Growth
Inoculum 50 – 120 cfu Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic Strains tested by membrane filtration	
<i>Pseudomonas aeruginosa</i> ATCC® 10145™ (WDCM 00024)	1 – 2 mm, cream shiny colonies.
<i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM00087)	1 – 2 mm, white shiny colonies.
<i>Escherichia coli</i> CIP 106878 (WDCM 00179)	2 – 3 mm, cream shiny colonies.
Inoculum 50 – 120 cfu Incubation conditions: 18 – 24 h @ 44 ± 1°C, anaerobic Strains tested by membrane filtration	
<i>Clostridium perfringens</i> ATCC® 13124™ (WDCM 00007)	1 – 2 mm, cream shiny colonies.
Colony counts shall be ≥ 70 % of the control medium TSA	

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