

# Product Specification Sheet

*TSYEA (Tryptone Soya Yeast Extract Agar)*

Intended Usage: A non-selective growth medium that can be used for the preparation of purity plates for further investigation of isolates for example *Listeria* spp.

For professional use only.

<b>PO5050A</b>	
Version: 12	Revision Date: 27 March 2023

**Thermo Scientific™ TSYEA (Tryptone Soya Yeast Extract Agar)**

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	15 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	26 weeks
Intended Usage	A non-selective growth medium that can be used for the preparation of purity plates for further investigation of isolates for example <i>Listeria</i> spp.
Technique	For professional use only. Depends on the methods used.

\*Adjusted as required to meet performance standards.

Typical formulation*	g/l
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Yeast extract	6.0
Agar	15.0

## Quality Control

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

Positive Controls	Growth
<b>Inoculum: tested by direct streaking method (1 colony), control medium COL+SB Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic</b>	
<i>Listeria monocytogenes</i> ATCC® 13932™ (WDCM 00021)	Good growth, cream, shiny colonies.
<i>Listeria innocua</i> ATCC® 33090™ (WDCM 00017)	Good growth, cream, shiny colonies.
<i>Proteus vulgaris</i> ATCC® 8427™	Cream colonies.
<i>Bacillus subtilis</i> ATCC® 6633™ (WDCM 00003)	Cream colonies.

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