
Product Specification

Product Name: Trypticase Soy Yeast Extract Agar (TSAYE/TSYEA)

Product Code: SG7287

PRODUCT DESCRIPTION:

Trypticase Soy Yeast Extract Agar (TSAYE/TSYEA) is a selective and diagnostic medium used for the detection of *Listeria monocytogenes*.

Use:

Stir to suspend 51.0 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute then autoclave it at 121 °C for 15min. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Tryptone - 17.0 g/L

Soya Peptone - 3.0 g/L

Yeast Extract Powder - 6.0 g/L

Sodium Chloride - 5.0 g/L

Dipotassium Hydrogen Phosphate - 2.5 g/L

Glucose - 2.5 g/L

Agar - 15.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder
pH (@25°C):	7.2 ± 0.2
<u>Microbiological Tests</u>	
<i>Listeria monocytogenes</i> (ATCC 19115)	<u>Quality Control Results</u> PR ≥ 0.7

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 18 to 24 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.