

TSA

Product: TSA (Tryptic Soy Agar)

Catalogue Number: i23188

Content: 500 g

Use: Tryptic Soy Agar (TSA) is used for the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes.

Principle: The combination of casein and soy peptones in TSA renders the medium highly nutritious by supplying organic nitrogen, particularly amino acids and longer-chained peptides. The sodium chloride maintains osmotic equilibrium. Agar is the solidifying agent.

Composition g / l:

Pancreatic digest of casein	15.000
Papaic digest of soyabean meal	5.000
Sodium chloride	5.000
Agar	15.000

Dehydrated Appearance: Light beige, free-flowing.

Solution: 4.0% solution, soluble in purified water upon boiling. Solution is light amber, slightly opalescent.

Prepared Appearance: Plain – Light amber, slightly opalescent.

pH at 25 °C: 7.3 ± 0.2

Storage: Store at 15-30°C in tightly closed container and the prepared medium at 2 - 8°C. Use before expiry date on the label

Shelf life: If stored under recommended conditions the unopened container has a shelf-life of 3 years after day of production (see expiry date on the label).