

PRODUCT INFORMATION

Also known as Trypto Soy Agar or Trypticase Soy Agar, TSA is a general growth medium utilized for the isolation of fastidious and nonfastidious microorganisms. (USP <61> enumeration tests, growth promotion testing, and counting methods suitability tests)

FORMULA* (per Liter):

Casein Digest Peptone15.0g
 Peptic Digest of Soybean Meal 5.0g
 Sodium Chloride5.0g
 Agar15.0g

*Adjusted and/or supplemented as required to meet performance criteria



TRYPTIC SOY AGAR (TSA)

Material 5000

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is clear to slightly hazy and yellow beige to light amber

pH: 7.1 - 7.5 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Aspergillus brasiliensis</i> ATCC® 16404	Growth <100CFU
<i>Candida albicans</i> ATCC® 10231	Growth <100CFU
<i>Bacillus subtilis</i> (<i>spizizenii</i>) ATCC® 6633	Growth <100CFU
<i>Escherichia coli</i> ATCC® 8739	Growth <100CFU
<i>Pseudomonas aeruginosa</i> ATCC® 9027	Growth <100CFU
<i>Salmonella typhimurium</i> ATCC® 14028	Growth <100CFU
<i>Staphylococcus aureus</i> ATCC® 6538	Growth <100CFU

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C or 23-27°C (Controlled Room Temperature, USP) upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 275 days (9 months) from the date of manufacture for both storage conditions. Reference our *Prepared Media Storage and Handling* document for additional information.

S² Media

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