

PRODUCT INFORMATION

TAT Broth Base

Cat. No. T20-100

DESCRIPTION

TAT Broth Base is used with Tween 80 for the detection of the gram-negative microorganisms in tropical drugs.

FORMULA (g/L)

Enzymatic Digest of Casein	20.0 g	Lecithin	5.0 g
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Final pH: 7.2 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 25 grams of the medium in 960 mL of purified water until evenly dispersed. At room temperature, add 40 mL of Tween 20 to the suspended medium. Place the mixture in a 48-50 °C water bath for 30 minutes and stir occasionally to dissolve. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and light beige.
2. Visually the prepared medium is clear to brilliant, yellow to amber w/none to light precipitate.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Bacillus subtilis</i> ATCC 9372	Good Growth
<i>Candida albicans</i> ATCC 10231	Good Growth
<i>Escherichia coli</i> ATCC 25922	Good Growth
<i>Pseudomonas aeruginosa</i> ATCC 27853	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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