

PRODUCT INFORMATION

Phenylethanol Agar

Cat. No. P16-107

DESCRIPTION

Phenylethanol Agar is used with blood for the selective isolation of *Staphylococci* and *Streptococci*.

FORMULA (g/L)

Enzymatic Digest of Casein	15.0 g	Phenylethanol	2.5 g
Soy Peptone	5.0 g	Agar	15.0 g
Sodium Chloride	5.0 g		

Final pH: 7.3 ± 0.2 at 25 °C

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

PREPARATION

Mix 42.5 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. To prepare with blood, cool medium to 45-50 °C and aseptically add 5-10% sterile defibrinated sheep blood.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, with soft lumps and beige in color.
2. Visually the prepared medium is pale yellow with trace to slight haze. Media prepared with blood appears opaque and red.
3. Expected cultural response after 24-48 hours under CO₂ at 35 °C.

ORGANISM	RESULT
<i>Proteus mirabilis</i> ATCC 25922	Inhibited
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth
<i>Streptococcus pneumoniae</i> ATCC 6305	Good Growth
<i>Streptococcus pyogenes</i> ATCC 19615	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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