

PRODUCT INFORMATION

Phenol Red Broth Base

Cat. No. P16-104



Date of Issue:
10/01/17

DESCRIPTION

Phenol Red Broth Base is used with added carbohydrates to differentiate microorganisms based on their fermentation reactions.

PREPARATION

Mix 15 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

Formula* per Liter:

Enzymatic Digest of Casein10.0g
Sodium Chloride5.0g
Phenol Red0.018g

Final pH: 7.4 ± 0.2 at 25°C

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

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige w/ faint pink tint.
2. Visually the prepared medium is bright red and clear.
3. Expected cultural response after 18-48 hours at 35°C.

Microorganisms:	Expected Results:	Results w/ Dextrose:
<i>Enterococcus faecalis</i> ATCC 29212	Acid	Gas
<i>Escherichia coli</i> ATCC 25922	+	-
<i>Pseudomonas aeruginosa</i> ATCC 27853	+	+

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.