

PRODUCT INFORMATION

Coliform Medium

Cat. No. C03-127



ALPHA[™]
BIOSCIENCES

Date of Issue:
01/01/2019

Use

For Coliform detection in water and waste water.

PREPARATION

Mix 41 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring until boiling to fully dissolve. Distribute and autoclave at 121°C for 6 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and grey greenish.
2. Visually the prepared medium is opaque and purple.

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.

Formula* per Liter:

Proteose Peptone #3.....	10.0g
Bromocresol Purple	0.06g
Yeast Extract	6.0g
Sodium Deoxycholate.....	0.1g
Sodium Lauryl Sulfate.....	1.0g
Bile Salts #3.....	1.0g
Beef Extract	1.0g
Lactose	20.0g
Enzymatic Digest of Casein.....	2.0g

Final pH: 6.8 ± 0.2 at 25°C

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