

PRODUCT INFORMATION

Cetrimide Agar Cat. No. C03-107



Date of Issue:
7/25/19

DESCRIPTION

Cetrimide Agar is used to selectively isolate and cultivate *Pseudomonas aeruginosa*.

PREPARATION

Mix 45.3 grams of the medium and 10 ml of glycerol in one liter of purified water until evenly dispersed (add glycerol while heating to facilitate drainage from the pipette). Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Formula* per Liter:

Pancreatic Digest of Gelatin.....	20.0g
Magnesium Chloride	1.4g
Potassium Sulfate.....	10.0g
Cetrimide	0.3g
Agar.....	13.6g

Final pH: 7.2 ± 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 beige.
2. Visually the prepared medium is trace to slight haze and grayish white with precipitate.
3. Expected cultural response after 18-24 hours at 32.5 ± 2°C.

Organism:

Escherichia coli ATCC® 8739
Pseudomonas aeruginosa ATCC® 10145
Pseudomonas aeruginosa ATCC® 27853
Pseudomonas aeruginosa ATCC® 9027
Staphylococcus aureus ATCC® 25923

Result:

Inhibited
Yellow-green colonies
Yellow-green colonies
Yellow-green colonies
Inhibited

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.