

PRODUCT INFORMATION

Your Smarter Culture Media Choice



Cetrimide Agar Cat. No. C03-107

Date of issue
04/28/15

DESCRIPTION

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

Formula* per Liter:

Peptone	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.

PREPARATION

Mix 45.3 grams of the medium and 10 ml of glycerol 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.

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 w/ ppt.
3. Expected cultural response after 18 to 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.