

PRODUCT INFORMATION

Cetrimide Agar

Cat. No. C03-107

DESCRIPTION

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

FORMULA (g/L)

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

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 (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.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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	RESULT
<i>Escherichia coli</i> ATCC 25922	Inhibited
<i>Escherichia coli</i> ATCC 8739	Inhibited
<i>Pseudomonas aeruginosa</i> ATCC 9027	Yellow-green colonies
<i>Pseudomonas aeruginosa</i> ATCC 10145	Yellow-green colonies
<i>Pseudomonas aeruginosa</i> ATCC 27853	Yellow-green colonies
<i>Staphylococcus aureus</i> ATCC 25923	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 from the original color.

Version 01 – Date 12/04/23