



## CETRIMIDE BROTH

Product Number **C9470**

### Product Description

Cetrimide Broth is used for the cultivation of *Pseudomonas aeruginosa*. It is also recommended by the USP. Cetrimide is a quaternary ammonium compound which inhibits bacteria other than *Pseudomonas aeruginosa*. The peptic digest of animal tissue and beef extract provide the necessary nutrients. Sodium chloride maintains the osmotic equilibrium.

### Components

Item	g/L
Peptic Digest of Animal Tissue	10.00
Beef Extract	10.00
Sodium Chloride	5.00
Cetrimide	0.30

Final pH (at 25°C)  $7.2 \pm 0.2$

### Precautions and Disclaimer

For laboratory use only. Not for drug, household or other uses.

### Preparation Instructions

Suspend 25.3 grams of Cetrimide Broth in 1000 mls of distilled water. Boil to dissolve the medium completely. Dispense in tubes. Sterilize by autoclaving at 15 lbs. pressure (121°C) for 15 minutes.

## Product Information

### Storage

Store the dehydrated medium at 24°C and prepared medium at 2-8°C.

### Product Profile

Appearance	Yellow colored, homogeneous, free flowing powder.
Color and Clarity	Yellow colored, clear to very slightly opalescent solution.
Cultural Response	Cultural characteristics are observed after 24-48 hours at 35°C.

### Organism

*Pseudomonas aeruginosa*  
*Escherichia coli*  
*Staphylococcus aureus*

### Growth

luxuriant  
inhibited  
inhibited

### References

1. King, E.O., et al., (1954). J. Lab. Clin. Med. 44. 2, 301.
2. United States Pharmacopeia, (1990). United States Pharmacopeial Convention, Inc. Rockville, Maryland.

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