

# Product Name : Czapek Dox Broth

Selective medium for saprophytic fungi cultivation.

## TYPICAL FORMULA (G/L)

Sodium Nitrate ..... 2.0  
Magnesium Sulphate ..... 0.5  
Potassium Chloride ..... 0.5  
Ferrous Sulphate .....0.01  
Di-Potassium Phosphate .....1.0  
Sucrose ..... 30.0  
Final pH = 7.2 ± 0.2 at 25°C.

## DIRECTIONS

Suspend 34.02 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Dispense into sterile final containers. Sterilize in autoclave at 121°C for 15 minutes.

## DESCRIPTION

Czapek Dox Broth is a medium for the cultivation of those fungi and bacteria which are able to utilize sodium nitrate as source of nitrogen.

## TECHNIQUE

Inoculate the medium with the specimen using a sterile loop and incubate at 25-30°C for 48-72 hours.

## QUALITY CONTROL

### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: white.

### Prepared medium

Appearance: clear to very slightly opalescent, may have a slight precipitate.

Color: colorless.

Incubation conditions: 25-30°C / 48-72 hours.

Microorganism	ATCC	Growth
<i>Aspergillus niger</i>	9642	good
<i>Candida albicans</i>	10231	good

---

## Product Name : Czapek Dox Broth

---

### STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

### REFERENCES

1. Booth, C. (1971) . Methods in microbiology, vol.4.
2. Stein, R.J. (1973) . Handboock of Physiological methods.

### PACKAGING

Cat. No : MB-C1072 Czapek Dox Broth	500 G
--	-------