

CZAPEC 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 34.0 g of powder in 1 liter 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. Mix well.

DESCRIPTION

CZAPEC 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.

Color: colorless.

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

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

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, 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 tubes at 2-8 °C.








REFERENCES

- Booth, C. (1971) . Methods in microbiology, vol.4.
- Stein, R.J. (1973) . Handbook of Physiological methods.

PRESENTATION

Product	REF	Σ
CZAPEC DOX BROTH (14.7 l)	610072	500 g
CZAPEC DOX BROTH (2.9 l)	620072	100 g

TABLE OF SYMBOLS

LOT Batch code	 Caution, consult accompanying documents	 Manufacturer	 Contains sufficient for <n> tests	IVD In Vitro Diagnostic Medical Device
REF Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source