

C1714

Czapek Dox Broth, CDB

Medium: **General fungal and bacterial medium**

Purpose: **Cultivation of fungi and bacteria**

BEFORE

AFTER



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

COMPOSITION OF MEDIA

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COMPOUND	GRAM/LITER
Ferrous sulphate	0.01
Magnesium glycerophosphate	0.5
Potassium chloride	0.5
Potassium sulphate	0.35
Sodium nitrate	2.0
Sucrose	30.0

- Dissolve 33.4 grams of ingredients in distilled water and adjust volume to 1000 ml.
- The final pH has to be 6.8 ± 0.2 .
- Autoclave the solution (121 °C, 15 psi, 15 minutes).
- Allow medium to cool down.

Reference:

Tuite, J. 1969. Plant pathological methods - fungi and bacteria. Burgess publishing co., Minneapolis, MN. 293 pp.

For prepared and ready to use plates of this medium contact:
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C1714.0500	500 g
C1714.1000	1000 g