

## WORT BROTH w/o NaCl

Basal medium for isolation and enumeration of yeast and moulds.

TYPICAL FORMULA	(g/l)
Peptone	0.78
Malt Extract	15.0
Maltose	12.75
Dipotassium Phosphate	1.0
Ammonium Chloride	1.0
Dextrin	2.75
Final pH = 4.8 ± 0.2 at 25 °C.	

### DIRECTIONS

Suspend 33.3 g of powder in 1 litre of distilled or deionized water. Add 2.35 ml of Glycerol supplement (code 80021). Heat to boiling until completely dissolved. Dispense into final containers. Sterilize in autoclave at 121°C for 15 minutes.

### DESCRIPTION

WORT BROTH w/o NaCl is a general purpose mycological medium, especially suitable for the cultivation and enumeration of yeasts. The acidity of this medium is optimal for many yeasts but inhibitory to most bacteria.

### TECHNIQUE

Inoculate the medium using a sterile loop and incubate at 25-27 °C for 3-5 days.

### QUALITY CONTROL

#### Dehydrated medium

Appearance: free-flowing, homogeneous.

Colour: beige.

#### Prepared medium

Appearance: clear.

Colour: amber.

Incubation conditions: 25-27 °C for 3-5 days.

Microorganism	ATCC	Growth
<i>Saccharomyces cerevisiae</i>	9763	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

1. Parfitt, E.H. (1993) J. Dairy Sci. **16**: 141-147.
2. Scarr M. Pamela (1959) J. Sci. Food Agric. **10 (12)**: 678-681.

### PRESENTATION

Product	REF	$\Sigma$
WORT BROTH w/o NaCl (15.0 l)	610080	500 g
WORT BROTH w/o NaCl (3.0 l)	620080	100 g
GLYCEROL supplement	80021	4 x 50 ml

### TABLE OF SYMBOLS

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



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