

Culture Media**Yeasts****Malt Extract Broth**

Malt extract	30.0 g
Peptone from soymeal	3.0 g
Distilled water	1000 ml

Autoclave at 121 °C for 15 min.

Malt Extract Agar

Malt extract	30.0 g
Peptone from soymeal	3.0 g
Agar	20.0 g
Distilled water	1000 ml

Autoclave at 110 °C for 20 min.

After cooling add either 5 ml of the antibacterial solution or 50 ml of autoclaved 10% lactic acid (110 °C, 20 min).

Aerobic Bacteria**Malt Extract Agar**

Ingredients as above	
+ Delvocid	0.5 g

Autoclave at 121 °C for 15 min.

Plate Count Agar

Casein peptone	5.0 g
Yeast extract	2.5 g
Dextrose	1.0 g
Agar	15.0 g
Distilled water	1000 ml

Autoclave at 121 °C for 15 min.

Lactic acid bacteriaMRS broth

Tryptone	5.0 g
Peptone from meat	5.0 g
Extract of meat (dry)	2.0 g
Yeast extract	4.0 g
Glucose	10.0 g
K ₂ HPO ₄	2.0 g
Sodium acetate	5.0 g
Di-Ammonium-hydrogen-citrate	2.0 g
Tween 80	1.0 g
Salt solution	5.0 g
Distilled water	1000 ml
adjust pH to 6.5 with 3n NaOH (about 2 ml)	

Dissolve the ingredients. Fill about 40 ml in each Erlenmeyer flask. Autoclave then at 121 °C for 5 min.

Salt solution

MgSO ₄ x 7 H ₂ O	2.000 g
MnSO ₄ x 1 H ₂ O	0.758 g
Top up to 100 ml with distilled water.	

MRS Agar

Ingredients see above.

Agar	15 g
Distilled water	750 ml

Prepare water agar separately. Autoclave at 121 °C for 15 min.

Dissolve the ingredients in 250 ml distilled water and autoclave at 121 °C for 5 min.

Mix both after cooling down to about 50 °C.