754. INORGANIC SALTS-MALTOSE MEDIUM

Peptone 2.00 g
Yeast extract 4.00 g
Inorganic salt solution (see below) 980.00 ml

Adjust pH to 7.5 with KOH and autoclave at 121°C for 15 minutes. After sterilization add 20 ml of a 25% maltose (filter-sterilized) solution.

Inorganic salt solution:

CaCl$_2$ x 2 H$_2$O 1.29 g
NaCl 43.80 g
MgSO$_4$ x 7 H$_2$O 49.37 g
Distilled water 1000.00 ml

Add the salts in the order listed to avoid the formation of a precipitate. When agar medium is desired the concentration should be 0.75%.