

## ATCC Medium: 2740 Annexure-I Medium

### Complete Medium

KH <sub>2</sub> PO <sub>4</sub> .....	0.5 g
CaCl <sub>2</sub> .2H <sub>2</sub> O.....	0.15 g
MgSO <sub>4</sub> .7H <sub>2</sub> O.....	2 g
NH <sub>4</sub> Cl.....	0.34 g
NaCl.....	20 g
Yeast Extract.....	0.4 g
Sodium pyruvate.....	3 g
SL7 (see below).....	1 ml
Ferric citrate (0.1% w/v).....	5 ml
NaHCO <sub>3</sub> (10% w/v).....	10 ml
Vitamin B12 (2 mg/ml (w/v))...	1 ml
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> .5H <sub>2</sub> O.....	6 mM

Final pH should be 7.2

### Trace Element Solution SL-7

Hydrochloric acid, 25%.....	10.0 ml
FeCl <sub>2</sub> x 4H <sub>2</sub> O.....	1.5 g
CoCl <sub>2</sub> x 6H <sub>2</sub> O.....	190.0 mg
MnCl <sub>2</sub> x 4H <sub>2</sub> O.....	100.0 mg
ZnCl <sub>2</sub> .....	70.0 mg
H <sub>2</sub> BO <sub>4</sub> .....	62.0 mg
Na <sub>2</sub> MoO <sub>4</sub> x 2H <sub>2</sub> O.....	36.0 mg
NiCl <sub>2</sub> x 6H <sub>2</sub> O.....	24.0 mg
CuCl <sub>2</sub> x 2H <sub>2</sub> O.....	17.0 mg
DI Water.....	1000ml

*Dissolve FeCl<sub>2</sub> in the hydrochloric acid, then dilute with water.*