ATCC Medium: 1120 Clostridium Kluyveri Medium

Part A

Yeast Extract……2.0 g
Sodium acetate x $3H_2O$……..7.5 g
Potassium phosphate buffer (2M pH 7.0)…….10.0 ml
$(NH_4)_2SO_4$……..2.63 g
Na Thioglycollate……..0.5 g
Salt solution (see below)……10.0 ml
p-Aminobenzoic acid……...100.0 mcg
Biotin……...5.0 mcg
Resazurin (0.025%)……..4 ml
Agar……2.0 g
DI Water……..965.0 ml

Part B

Ethanol (filter sterilized)……...15.0 ml
1 M K_2CO_3 (filter sterilized)……20.0 ml

Mix part A and autoclave at 121ºC. After cooling to room temperature, add Part B. Adjust pH to 7.0 with HCl. Tube anaerobically under an environment of 97% N_2 and 3% H_2 and cap with rubber stoppers.

Salt Solution

$MgSO_4$ x H_2O……2.5 g
$CaCl_2$……...0.15 g
$FeSO_4$ x $2H_2O$……0.15 g
Na_2MoO_4 x $2H_2O$……...0.02 g
$MnSO_4$ x $2H_2O$……...0.02 g
DI Water……..100.0 ml