Appendix 1

Growth Media

LB (per litre)

10 g Bactotryptone; 5 g yeast extract; 10 g NaCl. Adjust the pH to 7.5 with 1N NaOH. Make up the volume to 1 litre.

TB (Teriffic Broth)

900 ml deionized water; 12 g bactotryptone; 24 g yeast extract; 4 ml glycerol. Autoclave, cool to 60°C and add 100 ml of sterile K phosphate.

K-phosphate/litre

23.1 g KH$_2$PO$_4$; 125.4 g K$_2$HPO$_4$. Autoclave

M9ZB/litre

10 g N-Zamine; 5 g NaCl. Autoclave cool. Add 100 ml 10X M9 salts and 1 ml 1M MgSO$_4$, 10 ml 40% glucose.

10X M9 salts/litre

10 g NH$_4$Cl; 30 g KH$_2$PO$_4$; 60 Na$_2$HPO$_4$.7 H$_2$O. Autoclave.

NZCYM/litre

10 g N-Zamine; 5 g NaCl; 5 g Bacto yeast; 1 g casaminoacids; 2 g MgSO$_4$.7H$_2$O. Adjust the pH to 7.0 with 5N NaOH. Autoclave