

HG

1 L

- Begin with approx. 700 ml of DI H₂O
- Weigh out and add ingredients with constant stirring:
 - Bacto Peptone 20g
 - NaCl 3g
 - Agar 30g
 - Bring up to 975 ml with DI H₂O

- Autoclave
- Allow to cool in 50 deg. C water bath
- Add:
 - 1 M CaCl₂ (dihydrate; FW 147.02) 1ml
 - 1 M MgSO₄ (heptahydrate; FW 246.47) 1ml
 - 1 M KPO₄ 25ml
 - 5mg/ml cholesterol in 95-100% ethanol 4ml

Preparation of 1 M KPO₄:

- KH₂PO₄ 108.3g
- K₂HPO₄ 35.6g
- Bring up to 1000ml with DI H₂O
- Adjust pH to 6.0 with HCl or KOH
- Sterilize with 0.22 micron filter