

# NGM

1 L

- Begin with approx. 800 ml of DI H<sub>2</sub>O
- Weigh out and add ingredients with constant stirring:
  - Bacto Peptone            2.5g
  - NaCl                        3g
  - Agar                         17g
  - Bring up to 975 ml with DI H<sub>2</sub>O
  
- Autoclave
- Allow to cool in 50 deg. C water bath
- Add:
  - 1 M CaCl<sub>2</sub> (dihydrate; FW 147.02)            1ml
  - 1 M MgSO<sub>4</sub> (heptahydrate; FW 246.47)    1ml
  - 1 M KPO<sub>4</sub>    25ml
  - 5mg/ml cholesterol in 95-100% ethanol    1ml

Preparation of 1 M KPO<sub>4</sub>:

- KH<sub>2</sub>PO<sub>4</sub>            108.3g
- K<sub>2</sub>HPO<sub>4</sub>            35.6g
- Bring up to 1000ml with DI H<sub>2</sub>O
- Adjust pH to 6.0 with HCl or KOH
- Sterilize with 0.22 micron filter