Lymnaea salines

	M_r (g)	g/ litre	Standard (ml)	Conc (mM)	Hi Mg / low Ca (ml)	Hi-Di (ml)
NaCl	58.4	70	**20**	24	0	**20**
KCl	74.5	150	**1**	2	1	**1**
$CaCl_2.2H_2O$	147	590	**1**	4	0	**3.5**
$MgCl_2.$ $6H_2O$	203	410	**1**	2	9	**4**
$NaH_2PO_4.$ $2H_2O$	156	15.6	**1**	0.1	1	**1**
NaOH	40	142	**10**	35	11.2	**10**

- Put about 800 ml of distilled water in a 1litre measuring cylinder.
- Add all except the NaOH.
- Weigh out 11.9g HEPES (M_r = 238g, giving 50mM). Add to the cylinder, washing out the beaker carefully with distilled water.
- Stir very well and add the NaOH: the pH should be 7.9.
- Make up to the 1 litre mark.

Holly's Na-free snail saline

	M_r (g)	g/ litre	Standard (ml)	Conc (mM)
ArginineHCl		252	20	
$CaCl_2.2H_2O$	147	590	1	4
$MgCl_2.6H_2O$	203	410	1	2
KOH		199	1.15	4

- Put about 500 ml of distilled water in the flask.
- Add all except the **KOH**.
- Add **1.19g** HEPES (M_r = 238g, giving 5mM) and **14.4 g Sucrose** (M_r = 342g, giving 42mM).
- Stir very well and add the **KOH** (to give a pH of 7.9).
- Make up to the 1 litre mark.