



HEPES solution

NaOH	12.00	g
HEPES (free acid)	119.20	g

Dissolve NaOH in 300 ml distilled water. While stirring vigorously, slowly add HEPES until completely dissolved. Fill up to 450 ml with distilled water. If 1 ml of this solution is added to 100ml of the medium (containing all additive but HEPES), pH should be around 7.6 at 30C. Otherwise, adjust pH of the HEPES solution with 10 N NaOH or conc. HCl. Finally fill up to 500 ml with distilled water.