



## **FILTER PROCESSING SOLUTIONS**

### **SOLUTION 1:** (1 Liter) – (0.5 M NaOH, 1.5 M NaCl)

10M NaOH\*.....50 ml  
5M NaCl \*.....300 ml  
dH2O.....650 ml

### **SOLUTION 2:** (1 Liter) – (0.5M Tris, 1.5M NaCL)

5M NaCL\*.....300 ml  
1M Tris pH 8.0\*.....500 ml  
dH2O.....200 ml

### **SOLUTION 3:** (1 Liter) – (0.4M NaOH)

10M NaOH\*.....40 ml  
dH2O.....960 ml

### **SOLUTION 4:** (1 Liter) – (4X SSPE)

20X SSPE\*.....200 ml  
dH2O.....800 ml

\*10M NaOH: (1 Liter) → 400g NaOH + ddH2O

\*5 M NaCL: (1 Liter) → 292.9 g NaCl + ddH2O

\*1M Tris pH 8.0: (1 Liter) → 121.14 g Tris + 42 ml HCl + ddH2O

\*20X SSPE pH7.4: (1 Liter) → 175.3 g NaCl + 27.6 g NaH2PO4-H2O +  
7.4 g EDTA +6.5 ml 10N NaOH + ddH2O