

(Supplemental material)

Table 4 Solubility screen components for optimal buffer formulation are listed below.

<i>Cation</i>	<i>Anion</i>	<i>Good Buffers</i>
NH ₄ Cl	Na formate	Na MES pH 5.6
NaCl	Na acetate	Na PIPES pH 6.5
KCl	Na cacodylate	Na HEPES pH 7.5
LiCl	Na sulfate	Na TAPS pH 8.5
MgCl ₂	Na phosphate	
CaCl ₂	Na citrate	