

Solution C

K_2HPO_4 (0.5 M)	16.04	ml
KH_2PO_4 (0.5 M)	3.96	ml

Combine 16.04 ml of 0.5 M K_2HPO_4 with 3.96 ml of 0.5 M KH_2PO_4 stock solution to reach a pH of around 7.4.