

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  
CELL CULTURE FACILITY  
Media Production Formulations

**Dulbecco's Phosphate-Buffered Saline**  
(1x D-PBS)

**CCF Product Code Number: CCFAL001** (Old Code BG100)

| <b>Compound</b>                             | <b>Formula</b>                                     | <b>mg/L</b> |
|---|--|-------------|
| <b>Part A: Inorganic Salts</b>              |  |             |
| Potassium chloride                          | KCl  | 200.00      |
| Potassium phosphate monobasic               | $\text{KH}_2\text{PO}_4$                           | 200.00      |
| Sodium chloride                             | NaCl   | 8000.00     |
| Sodium phosphate, dibasic·7H <sub>2</sub> O | $\text{Na}_2\text{HPO}_4\cdot 7\text{H}_2\text{O}$ | 2160.00     |
| <b>Part B: Ca &amp; Mg Salts</b>            |  |             |
| Calcium chloride (anhydrous)                | $\text{CaCl}_2$                                    | 100.00      |
| Magnesium chloride·6H <sub>2</sub> O        | $\text{MgCl}_2\cdot 6\text{H}_2\text{O}$           | 100.00      |

pH 7.19-7.59 Osmolarity: 282-288 mOsm

Total Molarity 0.150 M