

| Catalog No. | 20-030 10X, Liquid DPBS | 20-031 10X, Liquid DPBS | 21-030 1X, Liquid DPBS | 21-031 1X, Liquid DPBS | 55-031 Powder DPBS | 21-040 1X, Liquid PBS |
|---|-------------------------------|-------------------------------|------------------------------|------------------------------|--------------------------|-----------------------------|
| Inorganic Salts | g/L | g/L | g/L | g/L | g/L | g/L |
| CaCl ₂ (anhydrous) | 1.00 | — | 0.10 | — | — | — |
| KCl | 2.00 | 2.00 | 0.20 | 0.20 | 0.20 | — |
| KH ₂ PO ₄ | 2.00 | 2.00 | 0.20 | 0.20 | 0.20 | 0.144 |
| MgCl ₂ •6H ₂ O | 1.00 | — | 0.10 | — | — | — |
| NaCl | 80.00 | 80.00 | 8.00 | 8.00 | 8.00 | 9.00 |
| Na ₂ HPO ₄ (anhydrous) | 11.50 | 11.50 | — | 1.15 | 1.15 | 0.795 |
| Na ₂ HPO ₄ •7H ₂ O | — | — | 2.1716 | — | — | — |
| Specifications | | | | | | |
| pH (before adjustment) | N/A | N/A | N/A | N/A | 7.4 ± 0.1 | N/A |
| Final pH | 4.4 ± 0.3 | 6.5 ± 0.5 | 7.0 ± 0.1 | 7.4 ± 0.1 | N/A | 7.4 ± 0.1 |
| Osmolality (mOsm) | 276 ± 30 @ 1:10 | 276 ± 30 @ 1:10 | 276 ± 12 | 276 ± 10 | 282 ± 15 | 287 ± 15 |
| Grams of powder required to prepare 1L (1X Solution) | N/A | N/A | N/A | N/A | 9.55 | N/A |

Dulbecco's Phosphate-Buffered Saline (DPBS) & Phosphate-Buffered Saline (PBS)