



PurMa Biologics, LLC

## PurMa™ Phosphate-Buffered Saline (PBS) Formulation

Cat#: P3B010610, Cat#: P3B110610, Cat#: P3B110611, Cat#: P3B110611

| Phosphate-buffered saline (PBS) (1X), pH 7.2, Cat#: P3B010610  |                  |                      |           |
|--|------------------|----------------------|-----------|
| Components   | Molecular Weight | Concentration (mg/L) | mM        |
| KH <sub>2</sub> PO <sub>4</sub>                                | 136.0            | 210.0                | 1.5441177 |
| NaCl   | 58.0             | 90000.0              | 155.17241 |
| Na <sub>2</sub> HPO <sub>4</sub> , Anhydrous                   | 141.96           | 3840                 | 2.7089553 |
|  |                  |                      |           |
| Phosphate-buffered saline (PBS) (10), pH 7.2, Cat#: P3B110610  |                  |                      |           |
| Components   | Molecular Weight | Concentration (mg/L) | mM        |
| KH <sub>2</sub> PO <sub>4</sub>                                | 136.0            | 2100.0               | 15.441177 |
| NaCl   | 58.0             | 90000.0              | 155.17241 |
| Na <sub>2</sub> HPO <sub>4</sub> , Anhydrous                   | 141.96           | 3840                 | 27.089553 |
|  |                  |                      |           |
| Phosphate-buffered saline (PBS) (1X), pH 7.4, Cat#: P3B110611  |                  |                      |           |
| Components   | Molecular Weight | Concentration (mg/L) | mM        |
| KH <sub>2</sub> PO <sub>4</sub>                                | 136.0            | 144.0                | 1.0588236 |
| NaCl   | 58.0             | 9000.0               | 155.17241 |
| Na <sub>2</sub> HPO <sub>4</sub> , Anhydrous                   | 141.96           | 421                  | 2.966418  |
|  |                  |                      |           |
| Phosphate-buffered saline (PBS) (10X), pH 7.4, Cat#: P3B110611 |                  |                      |           |
| Components   | Molecular Weight | Concentration (mg/L) | mM        |
| KH <sub>2</sub> PO <sub>4</sub>                                | 136.0            | 1440.0               | 10.588236 |
| NaCl   | 58.0             | 90000.0              | 155.17241 |
| Na <sub>2</sub> HPO <sub>4</sub> , Anhydrous                   | 141.96           | 4210                 | 29.66418  |