

DATA SHEET

Rev.ver: 01

1. Identification

Product name **Phosphate Buffered Saline, pH 7.2 10x.****Catalog.no** **CCBL026**

2. Description

Phosphate Buffered Saline (PBS) is a balanced salt solution commonly used in biological and biochemical research to maintain a stable physiological environment for cells and tissues. It contains sodium chloride, potassium chloride, and phosphate salts that help maintain osmotic balance and a pH around 7.4. PBS provides an isotonic environment similar to that of body fluids, preventing cell damage or lysis. It is widely used for washing cells and tissues, diluting substances, preparing reagents, and serving as a buffer in molecular biology and immunological assays..

3. Product Specifications

Appearance	Clear, colorless Solution
Storage and shelf life	Store at room temperature protected from light.
Shipping conditions	Ambient

4. Formulation

Components	Concentration mg/L
Inorganic Salts	
Potassium dihydrogen phosphate	2100.00
Sodium chloride	90000.00
Disodium hydrogen phosphate anhydrous	7260.00

5. Precautions and Disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.