

DATA SHEET

Rev.ver: 01

1. Identification

Product Name: Dulbecco's Phosphate Buffered Saline 1x w/ Calcium and Magnesium w/o Phenol red

Catalog.no: CCBL002

2. Description

Balanced Salt Solution (Physiological Solution) have the properties of buffer solution (regulate pH), normal saline (maintain osmotic pressure) and culture medium (provide nutrition). It can meet the basic needs of survival and metabolism of tissues, organs or cells in vitro. A small amount of phenolic red was added to some equilibrium salt solutions to indicate the pH change of the solution. Dulbecco's Phosphate Buffered Saline (DPBS) is one of the most widely used equilibrium salt solutions in biochemistry. The main components are NaCl, KCl, KH₂PO₄ and Na₂HPO₄. DPBS was mainly used for embryological research.

3. Storage

Store below 30°C . Use before expiry date on the label.

4. Composition

Ingredients	mg/L
Calcium chloride dihydrate	133.000
Potassium Chloride	200.00
Disodium hydrogen phosphate	1150.000
Magnesium chloride hexahydrate	100.00
Potassium dihydrogen orthophosphate	200.00
Sodium chloride	8000.00

5. Technical Support

For technical assistance or more information, please contact: BioArtha Labs Pvt Ltd or **visit:** www.bioarthalabs.com, **Email:** info@bioarthalabs.com.

Disclaimer: This data sheet is provided for informational purposes only. The performance and stability of Dulbecco's Phosphate Buffered Saline 1X w/ Calcium and Magnesium w/o Phenol red may vary depending on experimental conditions. It is recommended to optimize reaction conditions for specific applications