

Dulbecco's PBS (1x), with Ca/Mg, w/o Phenol Red

General information

Dulbecco's Phosphate Buffered Saline (DPBS) is a water-based salt solution used in various research areas. The buffer is non-toxic and provides cells with water and inorganic ions which are necessary for cell metabolism. It can be also used for rinsing, as a diluent or reference solution.

Product specifications

pH	7.0 – 7.6
Osmolality	260 – 330 mOsm/kg
Endotoxin	≤1 EU/ml
Sterility	Tested
Storage	Store at +2°C to +25°C.

Formulation

Component	Concentration g/l
Calcium chloride dihydrate	0.133
Magnesium chloride hexahydrate	0.10
Potassium chloride	0.20
Potassium phosphate monobasic anhydrous	0.20
Sodium chloride	8.00
Sodium phosphate dibasic anhydrous	1.15

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.

Ordering information

Catalogue number	Pack size
LTBSS07	500 ml

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