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DATASHEET

PBS (100 Tablets)

Product overview

Name	PBS (100 Tablets)
Cat No	HB5330
Biological description	Commonly used buffer. Often used to provide a buffer system to maintain cell culture media in the physiological pH range. 100 tablets.
Description	Add one tablet per 100ml of purified water for a 1X solution of PBS, pH 7.4: Sodium chloride: 137 mM, Potassium chloride 2.7 mM, Phosphate buffer 11.9 mM. 100 tablets of PBS

Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in water
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

Chemical name	Phosphate buffered saline
MDL number	MFCD00131855

References

Buffer solution can control the porosity of DNA-chitosan complexes

Fukushima T *et al* (2006) J Biomed Mater Res B Appl Biomater 76(1)

PubMedID [16047320](#)

PBS buffer solutions with different pH values can change porosity of DNA-chitosan complexes

Fukushima T *et al* (2005) Dent Mater J 24(3)

PubMedID [16279733](#)

Preservation Method and Phosphate Buffered Saline Washing Affect the Acute Myeloid Leukemia Proteome

Wangen R *et al* (2018) Int J Mol Sci 19

PubMedID [29351208](#)
