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	Title:	<b>TECHNICAL DATA SHEET</b>		

**Dulbecco's PBS** with Calcium and Magnesium, homogeneous powder

**SPECIMEN**

Filtration	n/a
Product Code	BDP-001-50L
Shelf Life	4 Years from DOM
Storage Temperature	2°C - 8°C
Shipping Temperature	ambient

### Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Homogenous white powder	n/a
pH @ 25°C (9.783 g/L H <sub>2</sub> O)	Electronic pH Meter	7.2 - 7.8	n/a
Osmolality (9.783 g/L H <sub>2</sub> O)	Osmometer	260-310	mOsm/kg
Endotoxin (9.783 g/L H <sub>2</sub> O)	LAL Kinetic	≤ 1.0	EU/ml
Solubility	At 9.783 g/L H <sub>2</sub> O	Soluble	n/a
Cell Culture (9.783 g/L H <sub>2</sub> O)	Internally Validated	Pass	n/a
<b>Sterility</b>			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a

### Formulation

Components	mg/L
CaCl <sub>2</sub> · 2H <sub>2</sub> O	133.00
MgCl <sub>2</sub> · 6H <sub>2</sub> O	100.00
KCl	200.00
KH <sub>2</sub> PO <sub>4</sub>	200.00
NaCl	8000.00
Na <sub>2</sub> HPO <sub>4</sub>	1150.00

Mix at 9.783 g/L with cell culture grade water until completely dissolved, pH adjust from 7.1 to 7.4, then sterile filter and aseptically dispense into sterile containers under laminar flow.

**Product Use:** This product is intended for laboratory use only.

**This product contains no animal components in the containers or the product itself.**

**The product is manufactured at Dorfstrasse 17A, 14641 Pessin, Germany**



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