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	Title:	TECHNICAL DATA SHEET		

Dulbecco's PBS with Calcium and Magnesium, homogeneous powder

SPECIMEN

Filtration	n/a
Product Code	BDP-001-10L
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 ₂ O)	Electronic pH Meter	7.2 - 7.8	n/a
Osmolality (9.783 g/L H ₂ O)	Osmometer	260-310	mOsm/kg
Endotoxin (9.783 g/L H ₂ O)	LAL Kinetic	≤ 1.0	EU/ml
Solubility	At 9.783 g/L H ₂ O	Soluble	n/a
Cell Culture (9.783 g/L H ₂ O)	Internally Validated	Pass	n/a
Sterility			
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 ₂ · 2H ₂ O	133.00
MgCl ₂ · 6H ₂ O	100.00
KCl	200.00
KH ₂ PO ₄	200.00
NaCl	8000.00
Na ₂ HPO ₄	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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