
	Document ID:	TDS-PBSB-001-500ML	Version:	002
	Date of Issue:	10-JAN-2023	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	<b>TECHNICAL DATASHEET</b>		

## PBS plus BSA

### Phosphate Buffered Saline with 0,2% BSA and Sodium Azide. Without Calcium, Magnesium, and Phenol Red.

Filtration, Treatment	Sterile filtered
Product Code	PBSB-001-500ML
Shelf Life	3 Years from DOM
Storage Temperature	2 - 8°C
Shipping Temperature	ambient

## QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colourless solution	n/a
pH at RT	Electronic pH Meter	7.35 - 7.45	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

Substance	CAS number	Concentration (mg/L)
Potassium dihydrogen phosphate	7778-77-0	1360.9 (10 mM)
Sodium chloride	7647-14-5	8181.6 (140 mM)
Disodium hydrogen phosphate	7558-79-4	1419.6 (10 mM)
Potassium chloride	7447-40-7	201.3 (2.7 mM)
Sodium azide	26628-22-8	900.0 (0.09%)
BSA	9048-46-8	2000.0 (0.2%)

## Ordering information

Product Code	Description	Product Information	Storage	Size
PBSB-001-1L	PBS plus BSA	Phosphate Buffered Saline with 0,2% BSA and 0,09% sodium azide, without Ca, Mg, and Phenol red	2 - 8°C	1000 ml
PBSB-001-500ML	PBS plus BSA	Phosphate Buffered Saline with 0,2% BSA and 0,09% sodium azide, without Ca, Mg, and Phenol red	2 - 8°C	500 ml

Raw material used for the production of BSA is of Australian origin. According to the World Organization for Animal Health (OIE), Australia is recognized as being free from BSE. Consequently, we consider these products as BSE free.

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

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