PRODUCT SPECIFICATION SHEET

1X PBS, pH 7.2 Solution

Catalog Number: P019-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 7.2 is a ready-to-use, premium-grade isotonic buffering solution supplied in a convenient 500 mL laboratory packaging format. Meticulously formulated to mimic physiological osmolarity, it maintains cell integrity, viability, and native protein conformations without requiring manual dilution or pH adjustment.

Prepared under strict quality controls using ultra-pure reagents and sterile filtration, this solution completely eliminates preparation bottlenecks, weighing errors, and contamination risks in routine laboratory operations.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	137 mM NaCl, 2.7 mM KCl, 4.3 mM Sodium Phosphate (dibasic), 1.4 mM Potassium Phosphate (monobasic) in purified water
pH	7.2 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	Store at room temperature (15–25°C) or 2–8°C

3. Recommended Applications & Usage

1X PBS is the foundational liquid medium for a wide array of life science workflows. Key applications include large-scale cell washing, tissue rinsing, specimen transport, and acting as a reliable bulk diluent for laboratory assays.

Usage: This product is supplied as a ready-to-use 1X solution in a bulk container and requires no dilution or pH adjustment. Dispense using standard aseptic techniques to maintain sterility.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P019-0500	1X PBS, pH 7.2 Solution	500 mL