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DATA SHEET

Version: 1
Revision date: 02/06/2025

1. Identification

Product name **5M Sodium Chloride, 50mM Sodium Phosphate, 2mM EDTA (pH 7.0), Sterile**

Cat. No **BR0371** 1 L
BR0372 5 L

2. Description

5M Sodium Chloride, 50mM Sodium Phosphate, 2mM EDTA (pH 7.0), Sterile is a high-purity, sterile solution formulated for laboratory and industrial applications. This buffer combines sodium chloride for ionic strength, sodium phosphate for pH stabilization, and EDTA for metal ion chelation, ensuring consistency and reliability in various biochemical and molecular biology procedures.

3. Specifications

Format: Liquid, Ready-to-use solution
Composition: Sodium Chloride (28-30%); Sodium Phosphate (Monobasic) (< 1%); Sodium Phosphate (Dibasic) (<1%); EDTA (<1%) and WFI Water up to rest.
Sterilization: purified using a 0.22 µm filtration process [aseptically filled]

4. Shipping and Storage specifications

This product is shipped at Ambient Temperature. Store the product in a dry place at RT (15 – 25˚ C).

5. Applications

Designed for the most commonly **used Research and Biomanufacturing applications**, such as:

- HPLC
- Cell Culture
- Buffer Preparation
- Biomanufacturing
- Industrial applications

6. Quality

Manufactured in an **ISO 13485:2016 and GMP-certified facility**, located in Boecillo, Valladolid (Spain), under ISO9001:2016 procedures to ensure the highest quality standards.

7. Further information

Product Use Limitation This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

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