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DATA SHEET

Version: 1
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1. Identification

Product name **DNA Suspension Buffer (pH 8.0), Sterile**

Cat. No

BR0375	1 L
BR0376	5 L

2. Description

DNA Suspension Buffer (pH 8.0), Sterile, is a high-purity solution designed for optimal DNA stability and integrity in molecular biology applications. With a precisely maintained pH of 8.0, this buffer provides ideal conditions for DNA resuspension, storage, and downstream processing. Available in 1L and 5L sterile formats, it ensures reliable performance in sensitive workflows such as PCR, cloning, sequencing, and transformation procedures.

3. Specifications

Grade: PCR
Format: Liquid
DNAse/RNAse Free tested.
Composition: WFI Water (99,78%); Tris (0,1211%); Hydrochloric Acid, 6N (0,1%) and EDTA Disodium Dihydrate (0,0037%)
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:

- DNA Resuspension
- Buffering System
- PCR & qPCR Preparation
- Next-Generation Sequencing (NGS)
- Cloning & Transformation
- Genomic & Plasmid DNA Storage

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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