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DATA SHEET

Version: 3
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1. Identification

Product name **Tris-HCl Solution 1 M (pH 7.4), Sterile**
1000mL

Cat. No **BR0056**

2. Description

Tris-HCl or Tris (hydroxymethyl)-aminomethane hydrochloride has been used in a variety of biological systems. Their uses include pH control *in vitro* and *in vivo*, as it coincides with the typical pH of most living organisms. In molecular biology laboratories buffering systems are used for electrophoresis assays (TAE and TBE).

3. Specifications

Chemicals: Analytical grade.
Format: Sterile solution.
Sterilization: purified using a 0.22 µm filtration process [aseptically filled]
Concentration: 1 M Tris-HCl
Direction of use: Ready-to-use solution

The pH should be 7.4 ± 0.2 at 25°C.

- The pH of the solution may require slight adjustment.
- Adjust pH with 1N HCl (if pH is high) or 1N NaOH (if pH is low).

4. Shipping and Storage specifications

Shipped at room temperature. Store the product in a dry place at room temperature or at 4 °C.

5. Applications

- Used in several techniques in molecular biology and biochemistry.
- DNA isolation.
- Used in cell cultures assays.

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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