Canvax Reagents, S.L.U.
Luis de Mercado Street, 19
Boecillo Technological Park
47151, Boecillo
Valladolid, Spain.

Tlf: +34 983 54 85 63
info@canvaxbiotech.com

www.canvaxbiotech.com

DATA SHEET

Version: 4
Revision date: 02/06/2025

1. Identification

Product name **Tris-Glycine Buffer (pH 8.3) 10X, Sterile**
1000 mL (10X solution)

Cat. No **BR0055**

2. Description

Tris-glycine buffer (TG) is the most common running buffer in native (non-denaturing) homogeneous and gradient poly-acrylamide gel electrophoresis (PAGE) proteins. Tris-glycine gels resolve proteins by size. However, very small proteins and peptides do not resolve well due to interference from the glycine/pH discontinuity front.
TG buffer is also used to make Tris-glycine/20% methanol Western Transfer Buffer, which is the most frequently used protein transfer buffer for wet blot transfers.

3. Specifications

Chemicals: Analytical grade.
Format: Liquid
Sterilization: purified using a 0.22 µm filtration process [aseptically filled]
Composition (1X): 0.025 M Tris, 0.192 M glycine
Directions for use: Dilute 10x solutions 10:1 to make a 1x working solution.

The pH should be 8.3 ± 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

The TG buffer is shipped at room temperature. Store the solution in a dry place at room temperature.

5. Applications

- Protein electrophoresis
- Denatured protein electrophoresis
- Polyacrylamide gel electrophoresis
- Western blotting

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 Limitations 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 suitablefor administration to humans or animals.

Disclaimer The information provided in this Data Sheet is correct to the best of our knowledge and belief at the date of publication. This information is intended only as a guide and should not be taken as a warranty or quality specification. Canvax Reagents S.L.U. shall not be held liable for any damage resulting from handling or from contact with the above product.