

# Technical Data Sheet

## MOLEQULE-ON<sup>®</sup>

### **10X Tris-Glycine (TG) Buffer**

**Cat No. BF-M-TG-10X**

#### **DESCRIPTION**

Tris-Glycine-SDS (TGS) running buffer is the most commonly used buffer for native protein gel electrophoresis or transfer buffer for western blots. TG buffer is usually used for both anode and cathode buffer. 10X Tris-Glycine Buffer is a space-saving stock solution that is ideal for quickly preparing standard Tris-glycine (pH 8.3) running buffer. It can be used for semi-dry blotting for SDS PAGE gels by the addition of 20% methanol.

Recommended running conditions is 150 volts for mini vertical gel electrophoresis units.

#### **COMPOSITION**

Dilution of the 10X Tris-Glycine buffer produces a 1X running buffer containing 25 mM Tris and 192 mM Glycine, pH approx. 8.3.

#### **PREPARATION OF 1X WORKING SOLUTION**

To prepare a one liter of 1X working solution, mix 100ml of 10X Tris-Glycine Buffer with 900ml ultrapure water.

#### **STORAGE**

Store at 18-25°C.

For laboratory use only. Not intended for any animal or human therapeutic or diagnostic uses.