

# Cleaver 10x Tris-Glycine SDS buffer

CSL-TGSDSP

## Introduction

One sachet of Tris-Glycine SDS Buffer powder contains enough material to formulate 1L of 10x Tris-Glycine-SDS stock solution or 10L of 1x Tris-Glycine-SDS working solution for the electrophoresis of proteins and peptide in denaturing conditions

## Product Specifications

Components	Concentration
TRIS	0.25 M
Glycine	1.92 M
SDS	1%

DNase, RNase None detected.

## Storage

The recommended storage temperature is +15 °C – +25 °C.

Shelf life 36 months. Once reconstituted in deionized water use within 6 months.

## Stock solution

**To prepare 1 L 10x Stock solution:** Dissolve all the powder in 1L of deionized water.

Concentration of components in 10x stock solution:

0.25 M TRIS

1.92 M Glycine

1% SDS

pH  $8.3 \pm 0.1$

## Working solution

**To prepare 1 L 1x running buffer:** To 100 ml 10x concentrate add 900 ml deionized water.

Concentration of components in 1x solution:

0.025 M TRIS

0.192 M Glycine

0.1% SDS

pH ~8.3