

## TRIS BUFFER SALT (Lot 230201)

**B-TRIS500**

**07/23**

<b>Synonym</b>	2-amino-2-(hydroxymethyl)propane-1,3-diol
<b>CAS</b>	77-86-1
<b>Molecular formula</b>	$C_4H_{11}NO_3$
<b>Molecular weight</b>	121.14
<b>Purity</b>	≥ 99.5%
<b>pKa (25°C)</b>	8.1
<b>Useful pH range</b>	7.0 - 9.0

**Storage** Store in cool place.  
Keep container tightly closed in a dry and well-ventilated place.

### Physical properties

Appearance  
Solubility in water (40% solution)  
Melting point (°C)  
Loss on drying

### Specification

White crystalline solid  
Clear solution  
168-170°C  
≤ 0.1%

### Impurities

Heavy metals ≤ 1ppm