



TRIS Buffer (Lot 200901)

B-TRIS500

09/20

IUPAC Name	2-amino-2-(hydroxymethyl)propane-1,3-diol
CAS Number	77-86-1
Molecular formula	C ₄ H ₁₁ NO ₃
Molecular weight	121.14
Purity	≥ 99.5%
pKa (25°C)	8.1
Useful pH range	7 - 9

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