



Bis - Tris Buffer

B-BISTRIS250

09/09

IUPAC Name	2-[bis(2-hydroxyethyl)amino]-2-(hydroxymethyl)propane-1,3-diol
CAS Number	6976-37-0
Molecular formula	C ₈ H ₁₉ NO ₅
Molecular weight	209.24
Assay	≥ 99 %
pKa (25°C)	6.5
Useful pH range	5.8 – 7.2

Storage

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

Physical properties

Appearance
Solubility in water (1M @ 20°C)
Water (%)
Melting point (°C)

Specification

White crystalline solid
Clear colourless solution
≤ 1 %
100 – 104°C

Impurities

Heavy metals ≤ 5ppm
A₂₈₀ 0.006