



TRIS Buffer (Lot 180206a)

B-TRIS500

06/19

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|--------------------------|--|
| 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 |
| Assay | ≥ 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
167-172°C
≤ 1.0%

Impurities

Heavy metals ≤ 5ppm
Chlorides ≤ 3ppm
Iron ≤ 2ppm