

Chem-Impex International, Inc.

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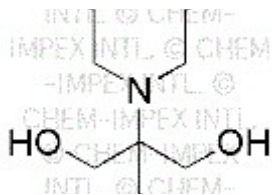
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00034
Product	2,2-Bis(hydroxymethyl)-2,2',2''-nitrilotriethanol
	Bis-Tris buffer
CAS Number	6976-37-0
Molecular Formula	C ₈ H ₁₉ NO ₅
Molecular Weight	209.24
Appearance	White crystalline powder
Solubility	Clear and complete (0.1M in H ₂ O)
Heavy Metals	≤ 3 ppm (as Pb)
Cation	Iron (Fe) : ≤ 3 ppm
Water Content (Karl Fisher)	≤ 1.0%
pH	8.8 - 9.8 (1% in H ₂ O)
pKa	6.3 - 6.7 (at 25 °C)
Infrared Spectrum	Conforms to standard
UV Ratios	Absorbance (0.1M in H ₂ O)A _{280nm} : ≤ 0.04 Absorbance (0.1M in H ₂ O)A _{340nm} : ≤ 0.02
Assay by titration	≥ 99% (dried basis)
Storage	Store at RT

For Laboratory Use Only