

# Chem-Impex International, Inc.

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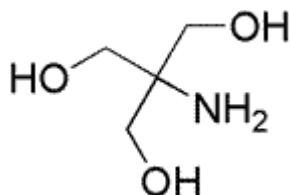
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00301
<b>Product</b>	<b>2-Amino-2-(hydroxymethyl)-1,3-propanediol</b> Tris(hydroxymethyl)aminomethane Tris base
<b>CAS Number</b>	77-86-1
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	121.1

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and colorless solution (40% in H <sub>2</sub> O)
<b>Melting Point</b>	168 - 172 °C
<b>Heavy Metals</b>	≤ 2 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 10 ppm
<b>Cation</b>	Iron (Fe) : ≤ 5 ppm
<b>pH</b>	10 - 12
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 0.5%
<b>RNase, DNase, Protease</b>	Not detected
<b>Endotoxin Test</b>	≤ 0.01 EU/mg
<b>Related Substances</b>	≤ 1%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay by titration</b>	≥ 99%
<b>Grade</b>	Molecular biology grade
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Bioburden : ≤ 100 CFU/g Identification : A,B,C : To pass test

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**For Laboratory Use Only**