

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42459
<b>Product</b>	<b>Bicine</b> <i>N,N</i> -Bis(2-hydroxyethyl)glycine Diethanolglycine
<b>CAS Number</b>	150-25-4
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	163.2

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear and complete solution (0.1 M in water)
<b>pH</b>	4 - 6
<b>pKa</b>	8.1 - 8.5 at 25 °C
<b>UV Ratios</b>	UV Abs. at 1 M in Water : A <sub>260</sub> nm : ≤ 0.05 A <sub>280</sub> nm : ≤ 0.05
<b>Loss on Drying</b>	≤ 1% (140 °C, 30 mins)
<b>Assay by titration</b>	≥ 99% (Dried basis)
<b>Grade</b>	Suitable for cell culture
<b>Storage</b>	Store at RT

**For Laboratory Use Only**