

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

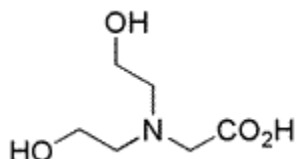
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	30776
Product	Bicine
	<i>N,N</i> -Bis(2-hydroxyethyl)glycine
CAS Number	150-25-4
Molecular Formula	C ₆ H ₁₃ NO ₄
Molecular Weight	163.17

Appearance	White powder
Solubility	Clear and complete solution (1 M in Water)
Anion	Chloride (Cl ⁻): ≤ 0.05% Sulfate (SO ₄ ²⁻): ≤ 0.05%
Cation	Ammonia (NH ₄): ≤ 0.05% Calcium (Ca) : ≤ 0.001% Iron (Fe): ≤ 0.0005% Lead (Pb): ≤ 0.001% Magnesium (Mg): ≤ 0.0005% Potassium (K): ≤ 0.005% Sodium (Na): ≤ 0.005% Zinc (Zn): ≤ 0.0005% Copper (Cu): ≤ 0.0005% Phosphorus(P): ≤ 0.005% Aluminum (Al): ≤ 0.0005%
Water Content (Karl Fisher)	≤ 0.2%
pH	4.0-6.0
Infrared Spectrum	Conforms to standard
Insoluble material	≤ 0.1%
Residue On Ignition	≤ 0.1%
Assay by titration	≥ 99% (Dried basis)

Product Specifications

Catalog Number: 30776

Grade	Ultra pure
Application	To prepare stable substrate solution for the determination of guanine deaminase. The buffer is widely used with the working concentration of 3-100mM.
Storage	Store at RT
Additional Information	UV Absorption (1 M in H ₂ O) A ₂₆₀ nm: ≤ 0.05 UV Absorption(1 M in H ₂ O) A ₂₈₀ nm: ≤ 0.05

For Laboratory Use Only