

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00032
Lot Number	001690-2012031201
Product	<i>N,N</i>-Bis(2-hydroxyethyl)glycine
	Bicine
	Diethanolglycine
CAS Number	150-25-4
Molecular Formula	C ₆ H ₁₃ NO ₄
Molecular Weight	163.2

Appearance	White crystalline powder
Solubility	Clear colorless solution (0.1 M aq)
pH	4.91 (1% aq.)
UV Ratios	UV absorbance (0.1 M aq.) @ 260 nm: 0.015 UV absorbance (0.1 M aq.) @ 280 nm: 0.01
Loss on Drying	0.13%
Assay by titration	99.86%
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
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager