

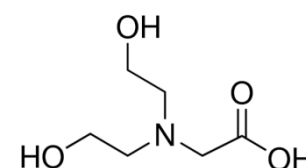


# Product Specification

cdhfinechemical.com

## BICINE BUFFER

<b>PRODUCT CODE</b>	<b>044109</b>
<b>SYNONYMS</b>	<b>N,N-Bis(2-hydroxyethyl) glycine</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(150-25-4)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>(C<sub>2</sub>H<sub>4</sub>OH)<sub>2</sub>NCH<sub>2</sub>COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>163.17</b>
<b>PROPERTIES</b>	---



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	10% Solution in water is clear and colourless.
Minimum Assay (Non-aqueous)	99.0%
pH of (10% <a href="#">soln.in</a> water)	4.0 - 5.0
Useful pH range	7.6-9.0

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Absorbance per 10 mm of 10% aqueous solution at 250 nm	0.1 with smooth curve in the range 230 to 350 nm
Loss on drying (at 110°C)	0.2%
Residue on ignition	0.5%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%

<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>HAZARDS STATEMENTS :</b> Not hazardous. No hazards. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention:</b> --- <b>Response :</b> ---- <b>Disposal :</b> - ----	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :	

Replace Date 03-June-2019