

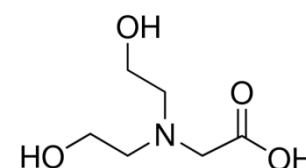


Product Specification

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BICINE BUFFER

PRODUCT CODE	023955
SYNONYMS	N,N-Bis(2-hydroxyethyl) glycine
C.I. NO.	--
CASR NO.	(150-25-4)
ATOMIC OR MOLECULAR FORMULA	(C₂H₄OH)₂NCH₂COOH
ATOMIC OR MOLECULAR WEIGHT	163.17
PROPERTIES	---



PARAMETER	LIMIT
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Description	White crystalline powder.
Solubility	10% Solution in water is clear and colourless.
Minimum Assay (Non-aqueous)	99.0%
pH of (10% soln.in water)	4.0 - 5.0
Useful pH range	7.6-9.0

MAXIMUM LIMIT OF IMPURITIES

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 ₄)	0.01%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING

HAZARDS STATEMENTS : Not hazardous. No hazards.

PRECAUTIONARY STATEMENTS :

Prevention: ---

Response : ----

Disposal : - ----

Hazard Pictogram(s) :

IMDG Code :

UN No. :

IATA :

Replace Date 1-June-2023