

Certificate of Analysis

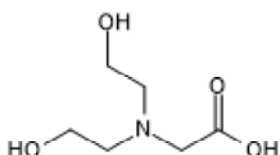
www.tocris.com

Product Name: Bicine
CAS Number: 150-25-4
IUPAC Name: *N,N*-Bis(2-hydroxyethyl)glycine

Catalog No.: 5881
Batch No.: 2
EC Number: 205-755-1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₆H₁₃NO₄
Batch Molecular Weight: 163.17
Physical Appearance: White solid
Solubility: water to 2000 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

Titration: 100.6%
pKa: 8.3

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel: +1 612 379 2956

Product Information

www.tocris.com

Product Name: Bicine
CAS Number: 150-25-4
IUPAC Name: *N,N*-Bis(2-hydroxyethyl)glycine

Catalog No.: 5881
Batch No.: 2
EC Number: 205-755-1

Description:

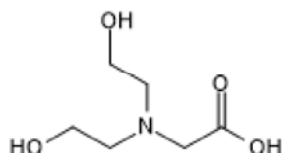
Widely used general purpose buffer for biological research. Working pH range in aqueous solution: 7.6-9.0. Used in protein crystallization, ion exchange chromatography and SDS-PAGE.

Physical and Chemical Properties:

Batch Molecular Formula: C₆H₁₃NO₄
Batch Molecular Weight: 163.17
Physical Appearance: White solid

Minimum Purity: ≥99%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 2000 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com
techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors
Tel: +1 612 379 2956