

Certificate of Analysis

www.tocris.com

Product Name: TES, free acid

Catalog No.: 5891

Batch No.: 2

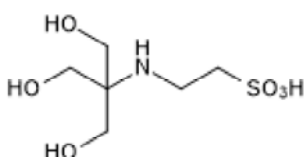
CAS Number: 7365-44-8

EC Number: 230-906-3

IUPAC Name: *N*-Tris(hydroxymethyl)methyl-2-aminoethanesulfonic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₆H₁₅NO₆S
Batch Molecular Weight: 229.25
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

Melting Point: At 218°C
Assay (titration): 100.2%
pH (1% aqueous solution @ 25°C): 4.7

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: TES, free acid

Catalog No.: 5891

Batch No.: 2

CAS Number: 7365-44-8

EC Number: 230-906-3

IUPAC Name: *N*-Tris(hydroxymethyl)methyl-2-aminoethanesulfonic acid

Description:

Buffering agent. Working pH range: 6.8 - 8.2. used in a range of protein assays. Forms complexes with DNA and affects restriction enzyme kinetics.

Physical and Chemical Properties:

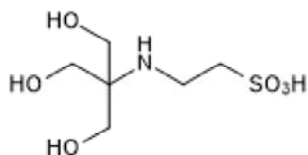
Batch Molecular Formula: C₆H₁₅NO₆S

Batch Molecular Weight: 229.25

Physical Appearance: White solid

Minimum Purity: ≥99%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 100 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