

Certificate of Analysis

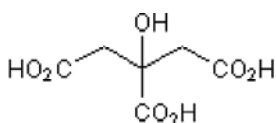
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Product Name: Citric acid
CAS Number: 77-92-9
IUPAC Name: 2-Hydroxy-1,2,3-propanetricarboxylic acid

Catalog No.: 3160 **Batch No.:** 7
EC Number: 201-069-1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₆H₈O₇
Batch Molecular Weight: 192.12
Physical Appearance: White solid
Solubility: water to 250 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

Purity: 99.9% (titration)

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

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Product Name: Citric acid

Catalog No.: 3160

Batch No.: 7

CAS Number: 77-92-9

EC Number: 201-069-1

IUPAC Name: 2-Hydroxy-1,2,3-propanetricarboxylic acid

Description:

Commonly used laboratory reagent.

Physical and Chemical Properties:

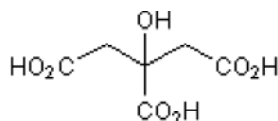
Batch Molecular Formula: C₆H₈O₇

Batch Molecular Weight: 192.12

Physical Appearance: White solid

Minimum Purity: ≥99.5%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 250 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.

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