

Certificate of Analysis

www.tocris.com

Product Name: Citric acid

CAS Number: 77-92-9

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

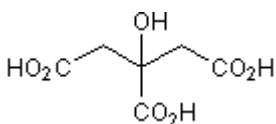
Catalog No.: 3160

EC Number: 201-069-1

Batch No.: 3

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: >99.7% (titration)

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

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Product Informationwww.tocris.com**Product Name:** Citric acid

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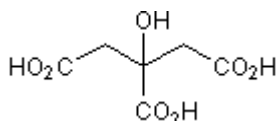
Batch No.: 3**Description:**

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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