

Certificate of Analysis

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Product Name: Sodium citrate

Catalog No.: 3161

Batch No.: 4

CAS Number: 68-04-2

IUPAC Name: 2-Hydroxy-1,2,3-propanetricarboxylic acid trisodium salt dihydrate

1. PHYSICAL AND CHEMICAL PROPERTIES

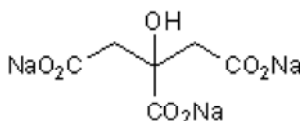
Batch Molecular Formula: C₆H₅Na₃O₇·2H₂O

Batch Molecular Weight: 294.1

Physical Appearance: White solid

Storage: Store at RT

Batch Molecular Structure:



2. ANALYTICAL DATA

Purity: 100%

Chloride: <30ppm

Sulfate: <50ppm

Heavy metals: <5ppm

Water Content: 12.4%

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

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CAS Number: 68-04-2

IUPAC Name: 2-Hydroxy-1,2,3-propanetricarboxylic acid trisodium salt dihydrate

Description:

Commonly used laboratory reagent

Physical and Chemical Properties:

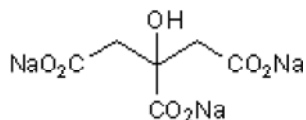
Batch Molecular Formula: C₆H₅Na₃O₇·2H₂O

Batch Molecular Weight: 294.1

Physical Appearance: White solid

Minimum Purity: >99%

Batch Molecular Structure:



Storage: Store at RT

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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