



1. Identification

Catalogue Number

C521000

Lot Number

712061509-2-1

Product Name

Citric Acid

Synonyms

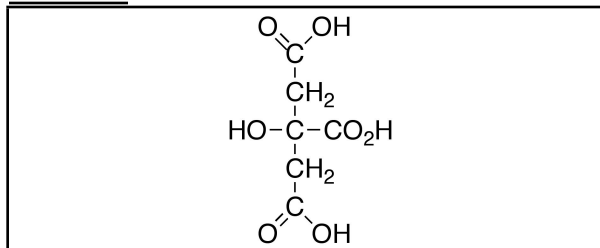
2-Hydroxy-1,2,3-propanetricarboxylic Acid; 2-Hydroxy-1,2,3-propanetricarboxylic Acid; 2-Hydroxypropan-1,2,3-tricarboxylic Acid; 3-Carboxy-3-hydroxypentane-1,5-dioic Acid; Aciletten; Celenex 3P6; Cellborn SC-C; Chemfill; Citretten; Citric Acid Monoglyceride; Citro; E 330; EL 4; EL 4; F 0001; F 4020; FE 2; Grindsted Pro Tex TR 100; Hydrocerol A; INS 330; Jet Setter; Monoglyceride

CAS Number

77-92-9

Solubility

DMSO (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_6H_8O_7$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

192.12

Purity

>99%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 37.61, %H: 4.21

HPLC Purity

Report Result

99.92% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

8/15/2024

Retest Date

8/13/2028