

## 1. Identification

### Catalogue Number

C521000

### Lot Number

5-FGD-771-1

### 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

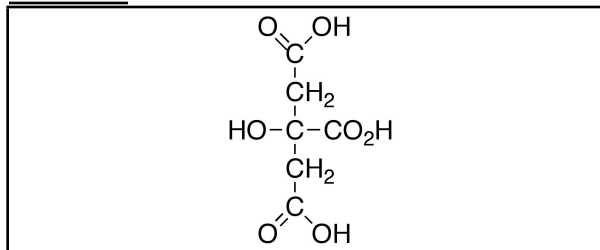
### CAS Number

77-92-9

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

### Source of Product

N/A

### Long Term Storage Conditions

4°C

### Molecular Weight

192.12

### Purity

98%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Off-White Solid

### Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 37.56, %H: 4.19

HPLC Purity

Report Result

98.09% (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 ± 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

R. Reddy

Swathi Reddy

Product Quality Specialist

### Reviewed by

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

### Test Date

8/1/2024

### Retest Date

7/30/2028