



## CERTIFICATE OF ANALYSIS

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### 1. Identification

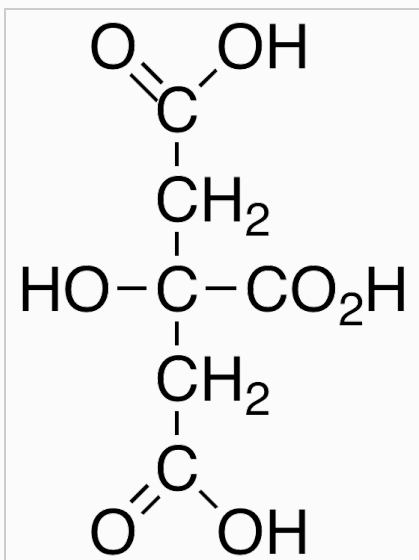
**Catalogue Number:** C521000

**CAS Number:** 77-92-9

**Synonym:** 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 Citrate; NSC 112226; NSC 30279; NSC 626579; Suby G; Uro-trainer

**Product:** Citric Acid

**Structure:**



**Molecular Formula:**

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

**Molecular weight:**

192.12

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly, Heated, Sonicated), Methanol (Slightly, Sonicated)

**Lot Number:** 7-FGD-245-1

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 37.55, %H: 4.21
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.56% (210 nm)

**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**

Neha Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved  
By**

Chanell Chu

**Test Date**

3/7/2022

**Retest Date**

3/5/2026