



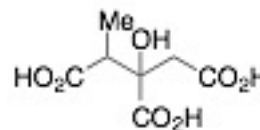
1. Identification

Catalogue Number

M265080

Lot Number

17-TKN-178-3

StructureProduct Name

2-Methylcitric Acid

Synonyms

2-Hydroxy-1,2,3-butanetricarboxylic Acid

CAS Number

6061-96-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₇H₁₀O₇Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

206.15

Purity

>95%

2. Warnings

Hygroscopic

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: 40.14, %H: 5.01

HPLC Purity

>95%

99.72% (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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

6/5/2023

Retest Date

6/3/2027