



1. Identification

Catalogue Number

C521002

Lot Number

KL-168

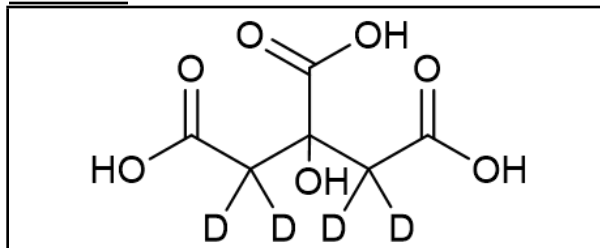
Product Name

Citric Acid-2,2,4,4-d4

Synonyms

2-Hydroxy-1,2,3-propanetricarboxylic-d4 Acid; Chemfill-d4; Citretten-d4; 2-Hydroxypropan-d4-1,2,3-tricarboxylic Acid; Citro-d4; E 330-d4; 3-Carboxy-3-hydroxypentane-d4-1,5-dioic Acid; Aciletten-d4; Celenex 3P6-d4;

Structure



CAS Number

147664-83-3

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₄D₄O₇

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

196.15

Purity

>95%

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

HPLC Purity

>95%

99.04% (RID)

Isotopic Purity

>95%

>95% by NMR

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

Iuri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

2/5/2025

Retest Date

2/3/2029