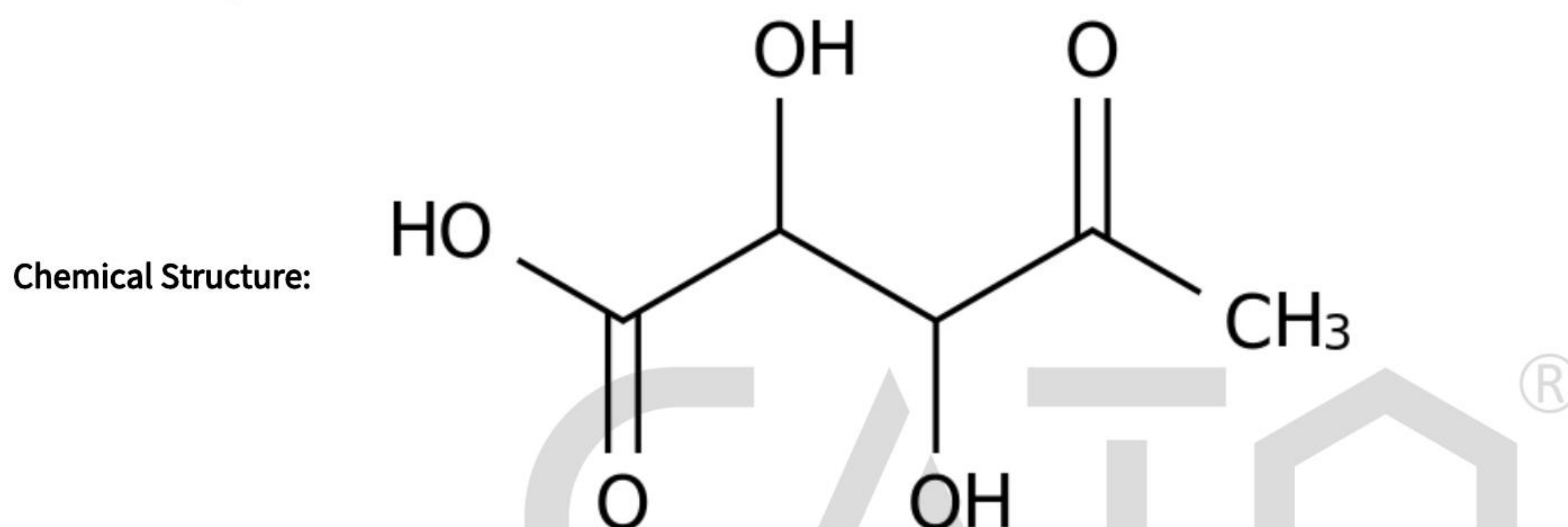


Certificate of Analysis

Reference Material

Product Name:	2,3-Dihydroxy-4-oxopentanoic Acid	Catalogue Number:	CCHM704680
Chemical Name:	N/A	Lot Number:	0509-RD-0034
CAS Number:	37520-06-2	Expiry Date:	Feb 03, 2025
Molecular Formula:	C ₅ H ₈ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	148.11		



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Xenia

Reviewed by:

Cady

Approved by General manager:

David

Date: Feb 04, 2021

Date: May 13, 2022

Date: May 13, 2022

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

