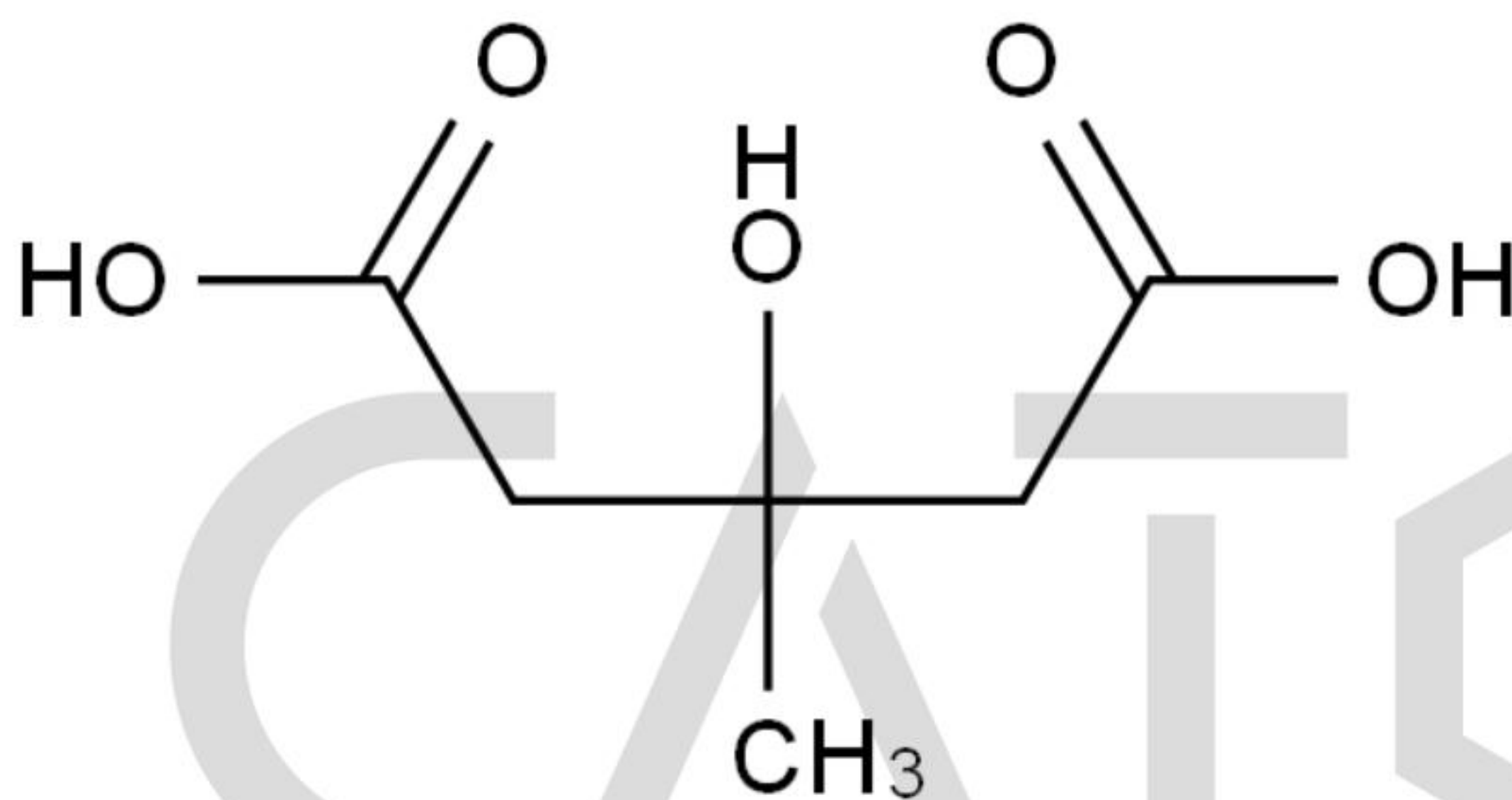


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Hydroxy-3-methylpentanedioic acid	Catalogue Number:	CCHM704900
Synonyms:	N/A	Lot Number:	0422-RF-0041
CAS Number:	503-49-1	Expiry Date:	Apr 28, 2028
Molecular Formula:	C ₆ H ₁₀ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	162.14	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	95.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Nice

Reviewed by:

Lisa

Aporoved by General Manager:

David

Date: Apr 29, 2024

Date: Apr 29, 2024

Date: Apr 29, 2024

