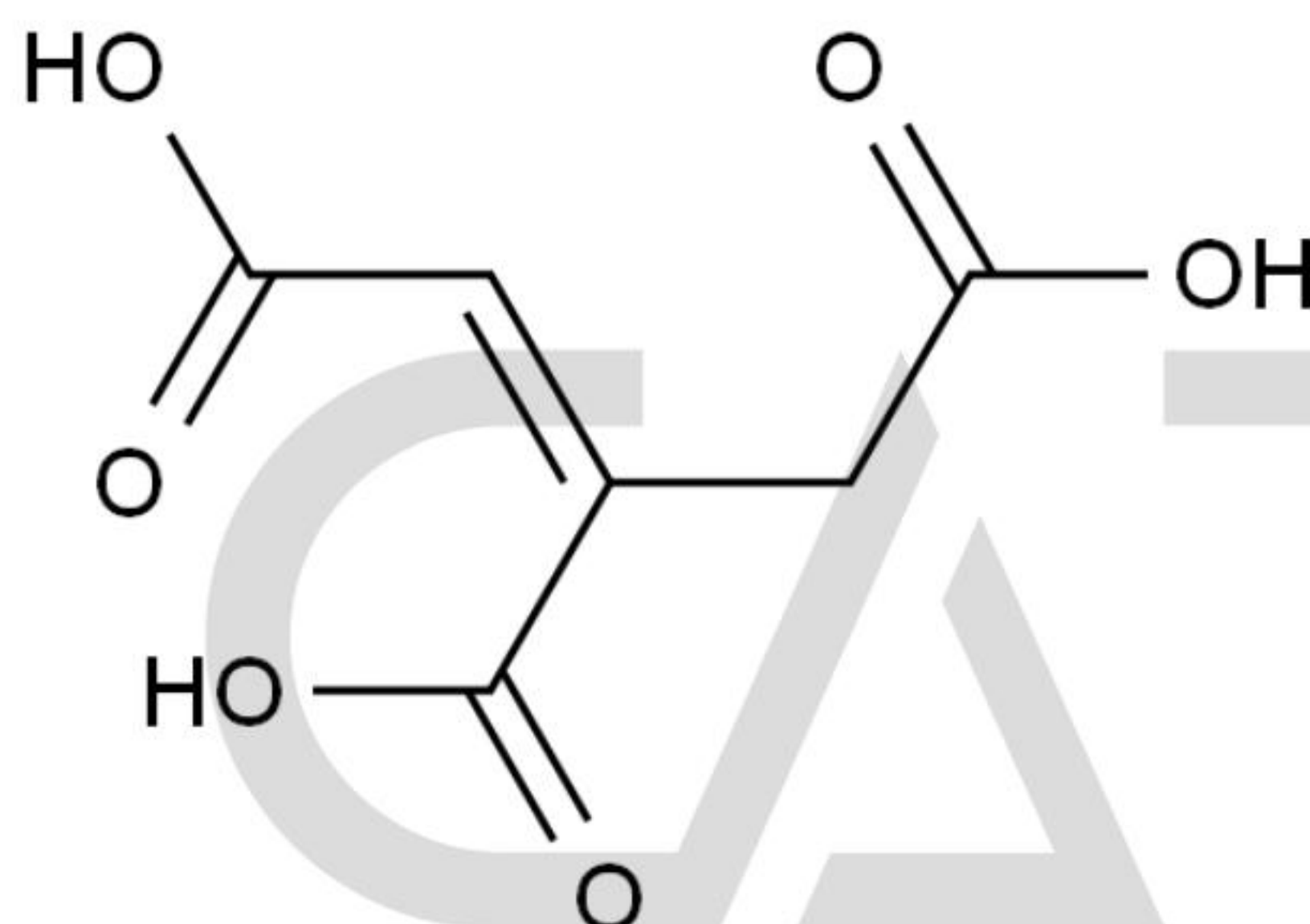


Certificate of Analysis

Reference Material & Standard

Product Name:	cis-Aconitic acid	Catalogue Number:	CCFD200673
Synonyms:	N/A	Lot Number:	0309-RH-0058
CAS Number:	585-84-2	Expiry Date:	Mar 10, 2030
Molecular Formula:	C ₆ H ₆ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	174.11	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	95.9%
Uncertainty		±0.9%

Comment:

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

Approved by General Manager:

David

Date: Apr 16, 2026

Date: Apr 16, 2026

Date: Apr 16, 2026



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