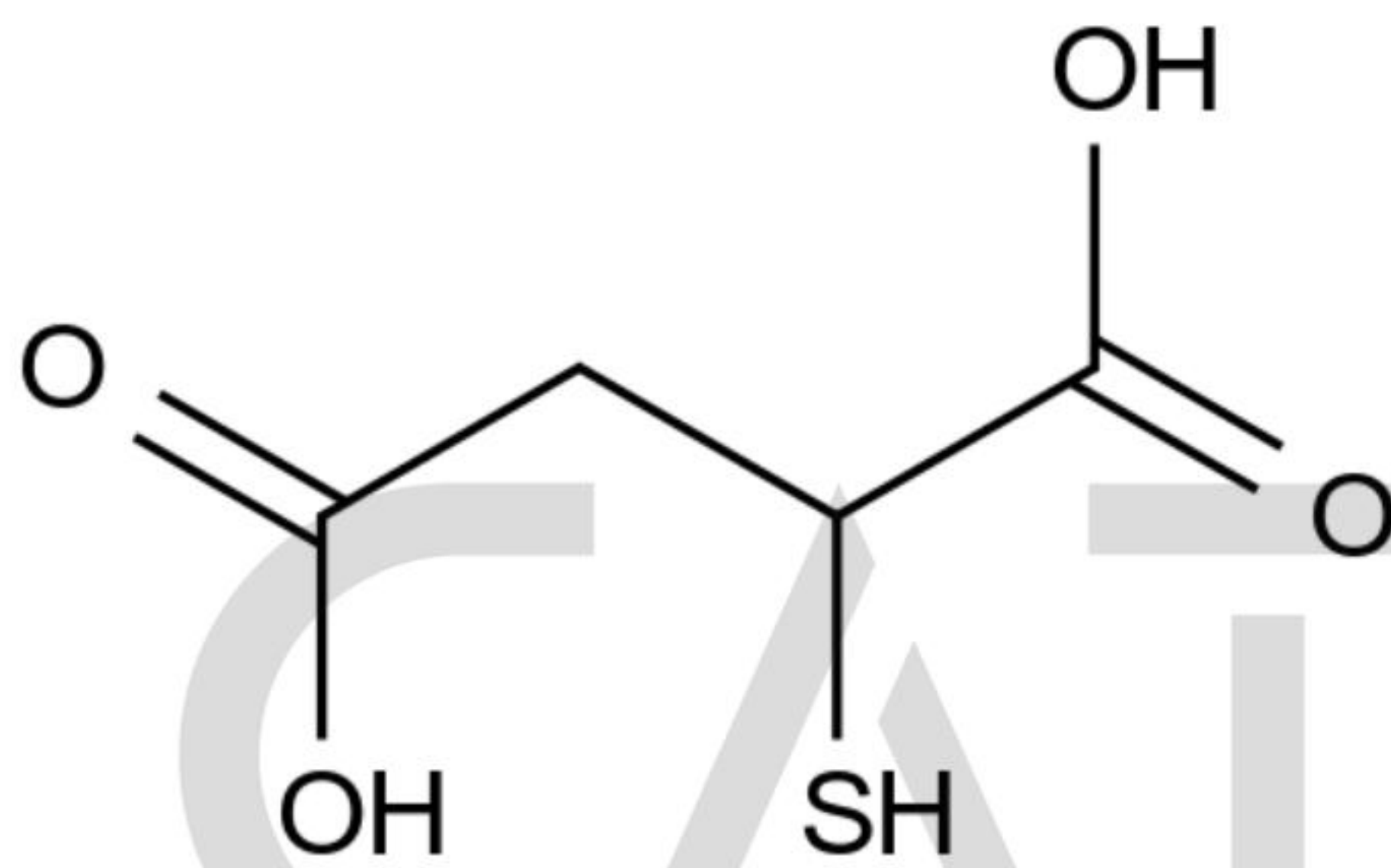


Certificate of Analysis

Reference Material & Standard

Product Name:	Thiomalic Acid	Catalogue Number:	C1924503
Synonyms:	N/A	Lot Number:	0613-RG-0092
CAS Number:	70-49-5	Expiry Date:	Jun 24, 2029
Molecular Formula:	C ₄ H ₆ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.15	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	88.2%
Uncertainty		±2.1%

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

Approved by General Manager:

David

Date: Jun 25, 2025

Date: Jun 25, 2025

Date: Jun 25, 2025

