

Certificate of Analysis

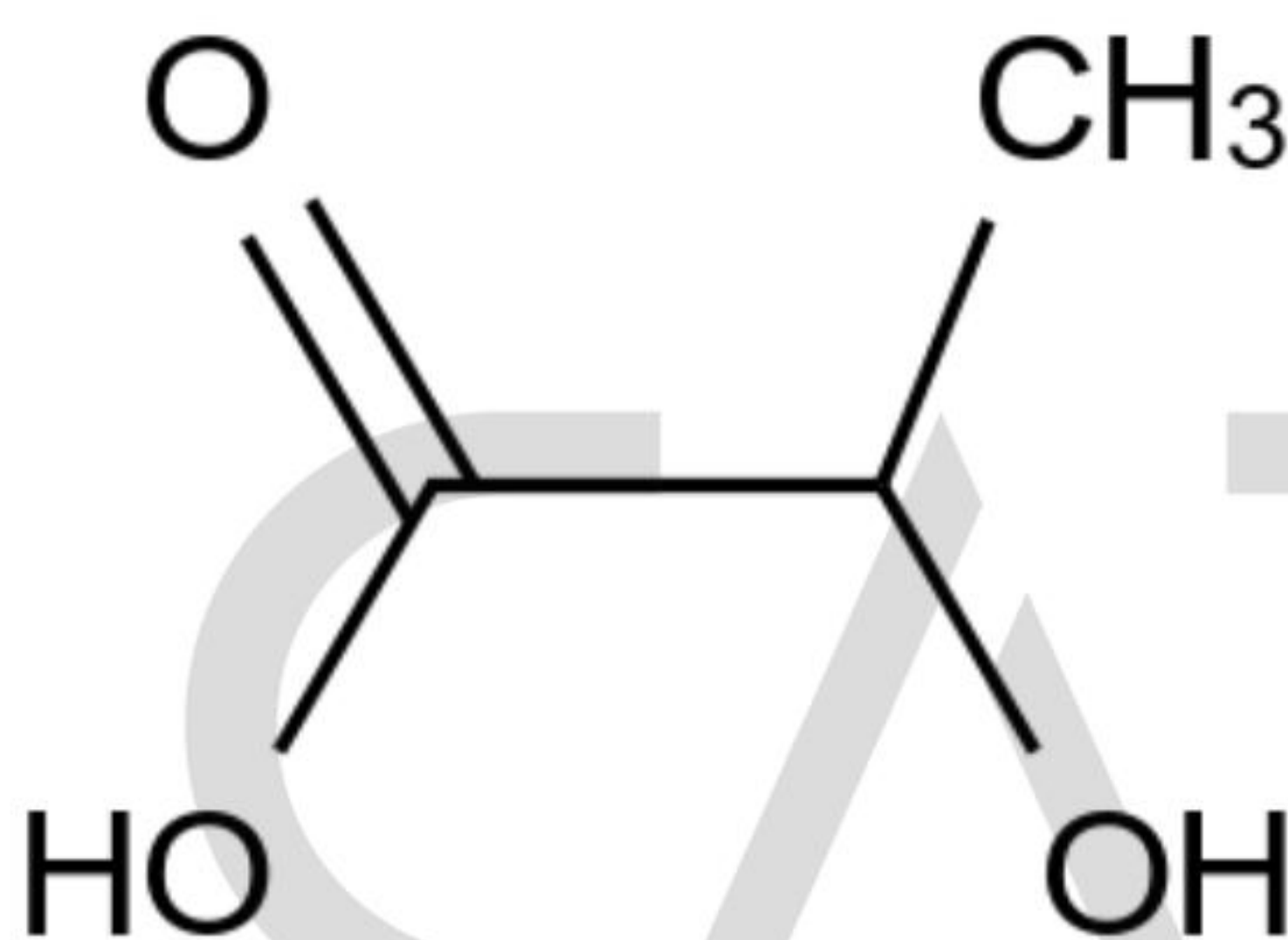
Reference Material & Standard

Product Name:	Lactic Acid (mixture of polymers)	Catalogue Number:	CCPD101349
Synonyms:	N/A	Lot Number:	0821-RH-0009
CAS Number:	50-21-5	Expiry Date:	Aug 19, 2030
Molecular Formula:	C ₃ H ₆ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	90.08	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&CNMR&HNMR	Confirmed
Assay	qNMR	83.3%
Uncertainty		±2.8%

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:

Lisa

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 21, 2026

Date: Aug 21, 2026

Date: Aug 21, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat