

Certificate of Analysis

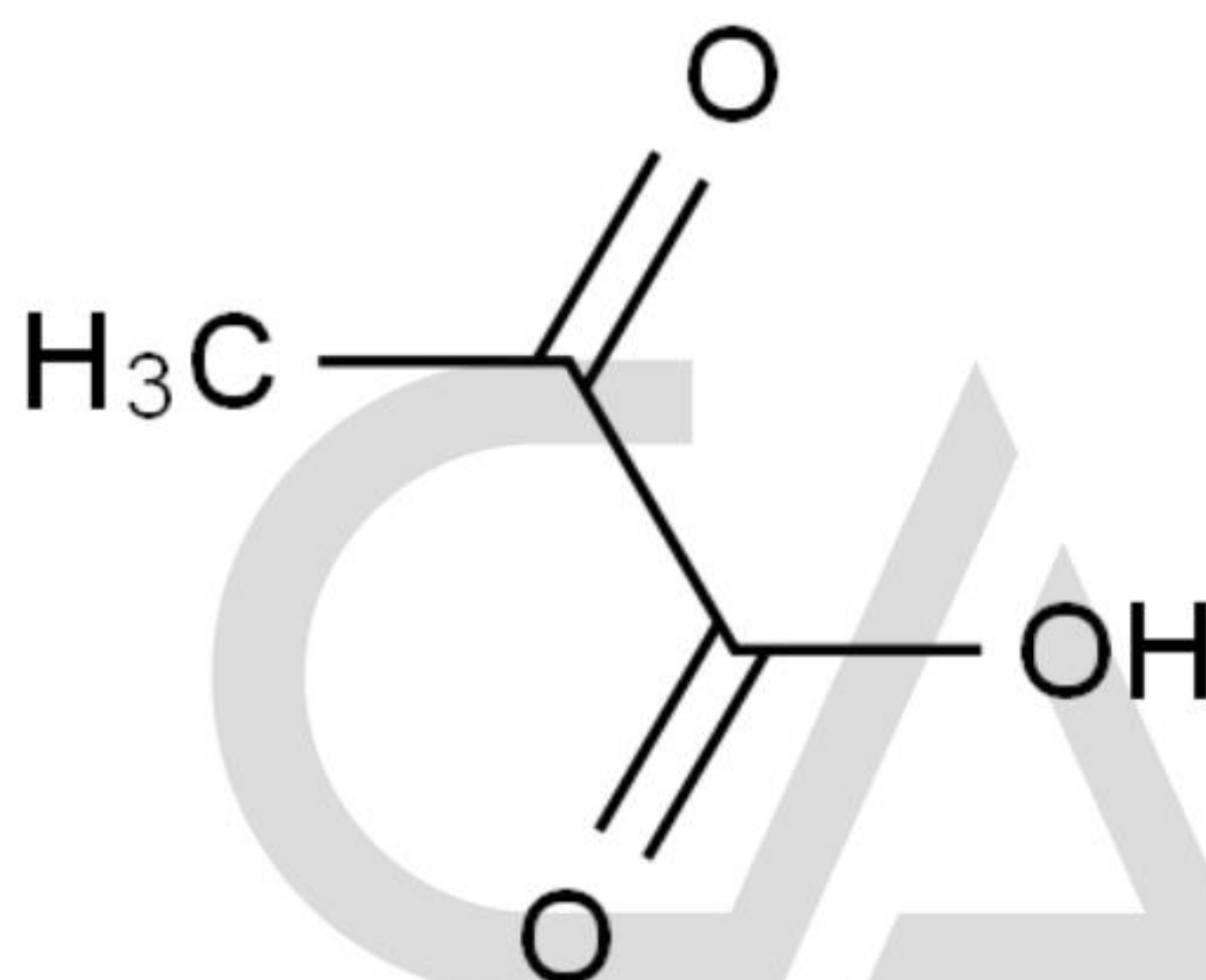
Reference Material & Standard

Product Name:	Pyruvic Acid	Catalogue Number:	CCHM701671
Synonyms:	N/A	Lot Number:	0705-RH-0070
CAS Number:	127-17-3	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₃ H ₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	88.06	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.5%
Assay	qNMR	90.1%
Uncertainty		±1.8%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 08, 2026

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