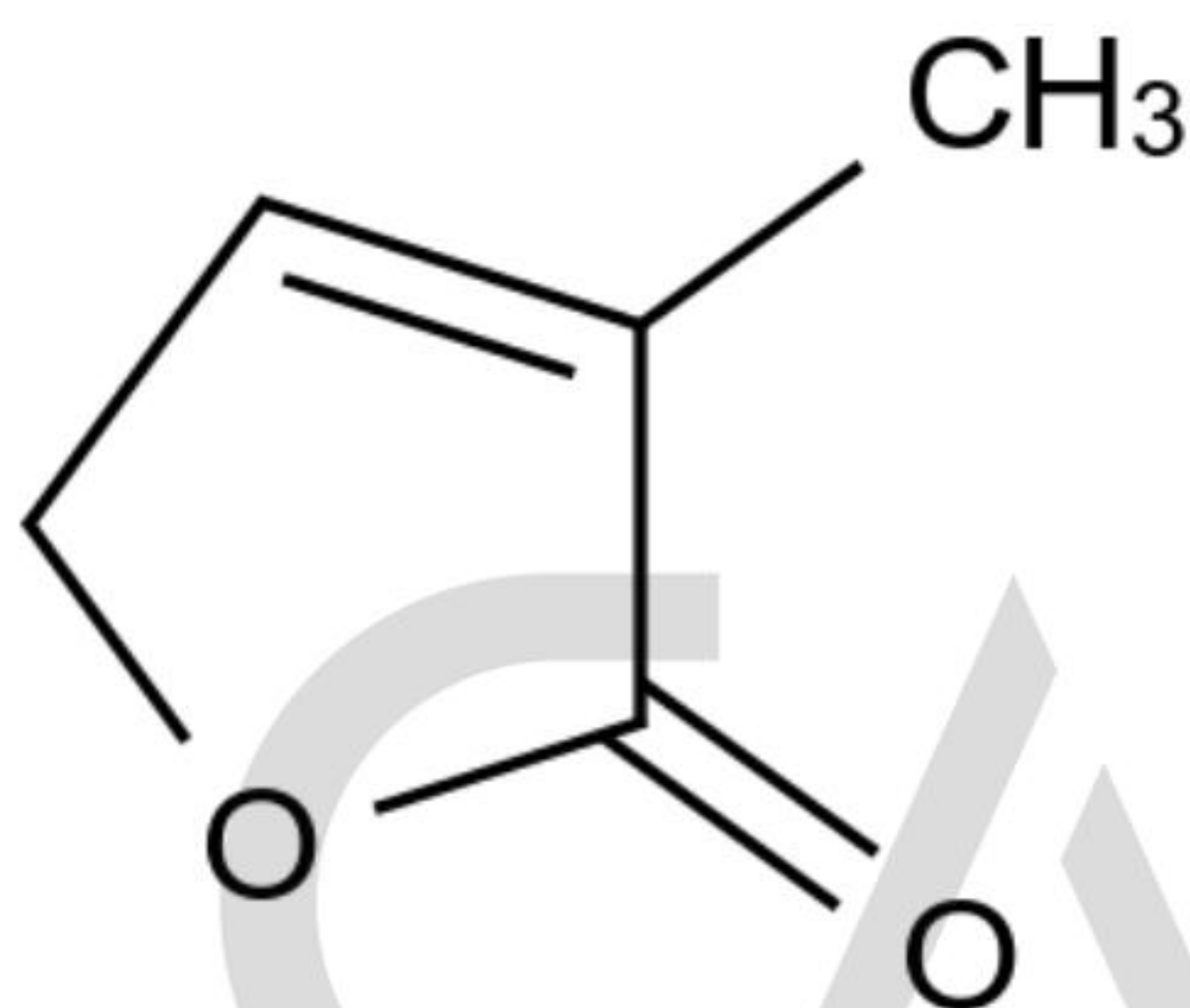


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Methyl-2(5H)-furanone	Catalogue Number:	CCHM705037
Synonyms:	N/A	Lot Number:	0425-RG-0042
CAS Number:	22122-36-7	Expiry Date:	Apr 29, 2029
Molecular Formula:	C ₅ H ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	98.10	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.9%
Assay	qNMR	96.8%
Uncertainty		±0.6%

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: Apr 30, 2025

Date: Apr 30, 2025

Date: Apr 30, 2025

