

Certificate of Analysis

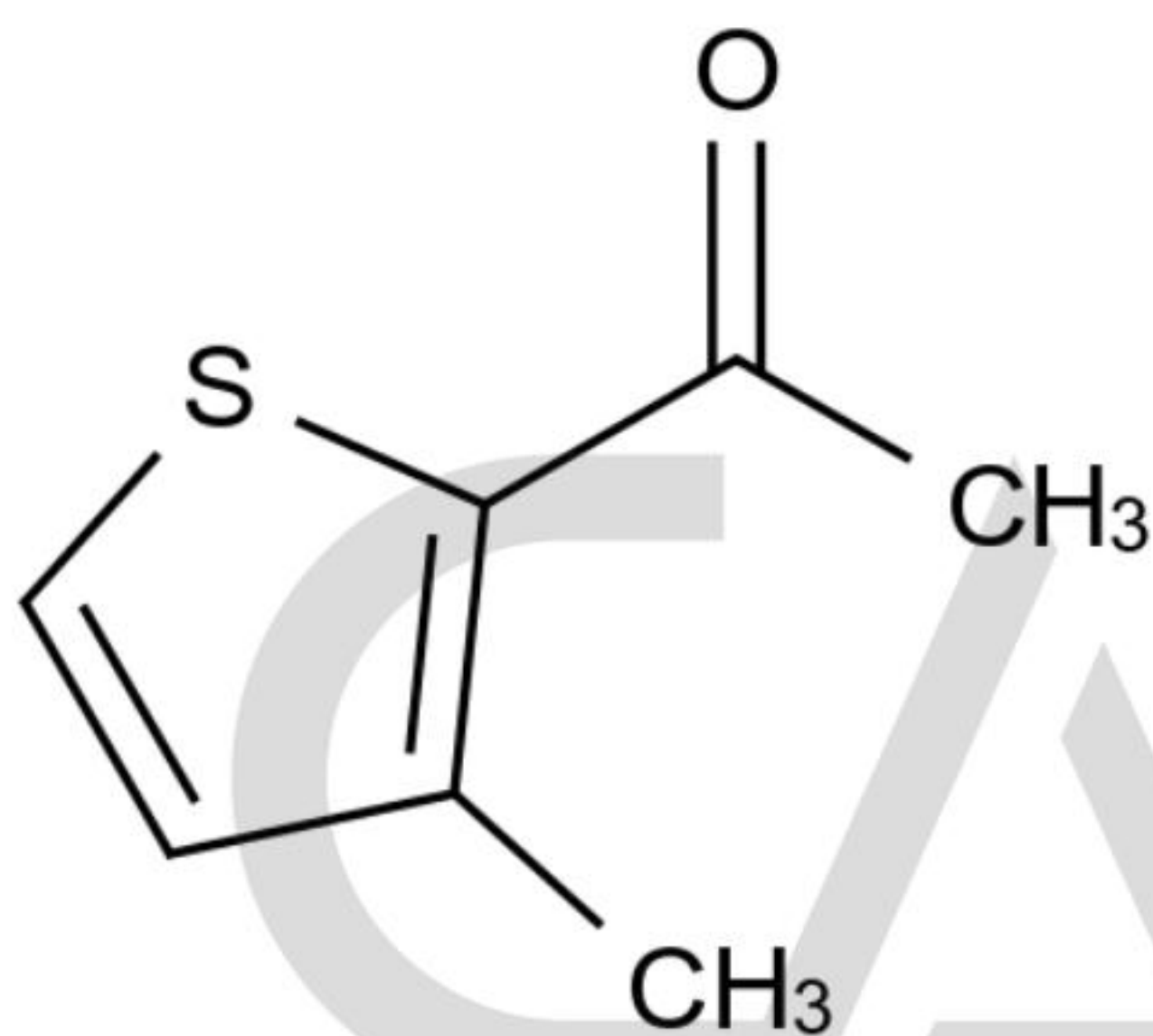
Reference Material & Standard

Product Name:	1-(3-Methylthiophen-2-yl)ethan-1-one	Catalogue Number:	C1258563
Synonyms:	N/A	Lot Number:	1203-RG-0060
CAS Number:	13679-72-6	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₇ H ₈ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	140.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	95.8%
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: Dec 10, 2025

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