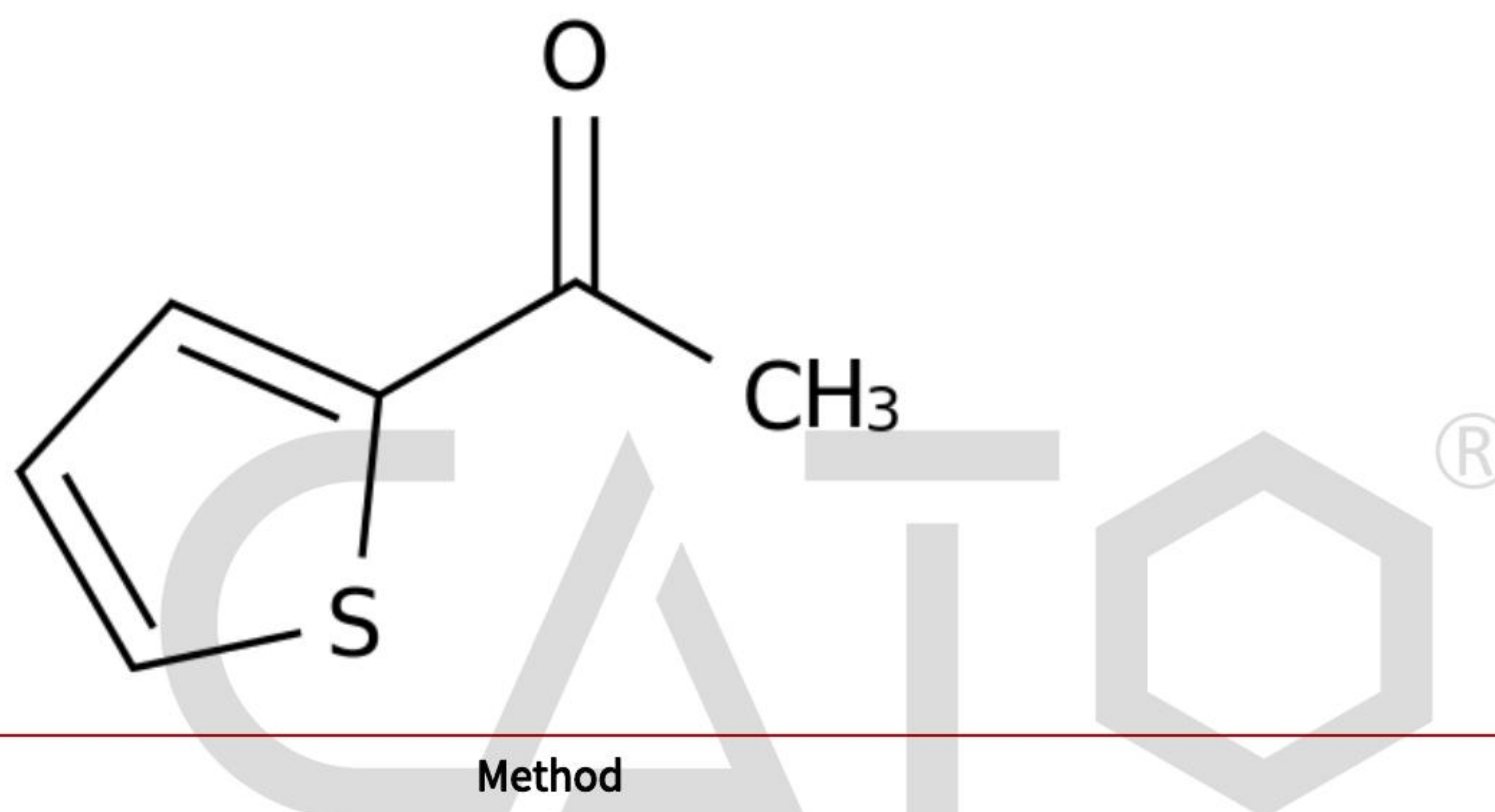


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Acetylthiophene	Catalogue Number:	C3D-4663
Synonyms:	N/A	Lot Number:	0923-RD-0076
CAS Number:	88-15-3	Expiry Date:	Mar 25, 2027
Molecular Formula:	C ₆ H ₆ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	126.18		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	GC	98.626%
Water Content	Karl Fischer	0.2848%
Assay		98.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 19, 2025

Date: Aug 19, 2025

Date: Aug 19, 2025

