

Certificate of Analysis

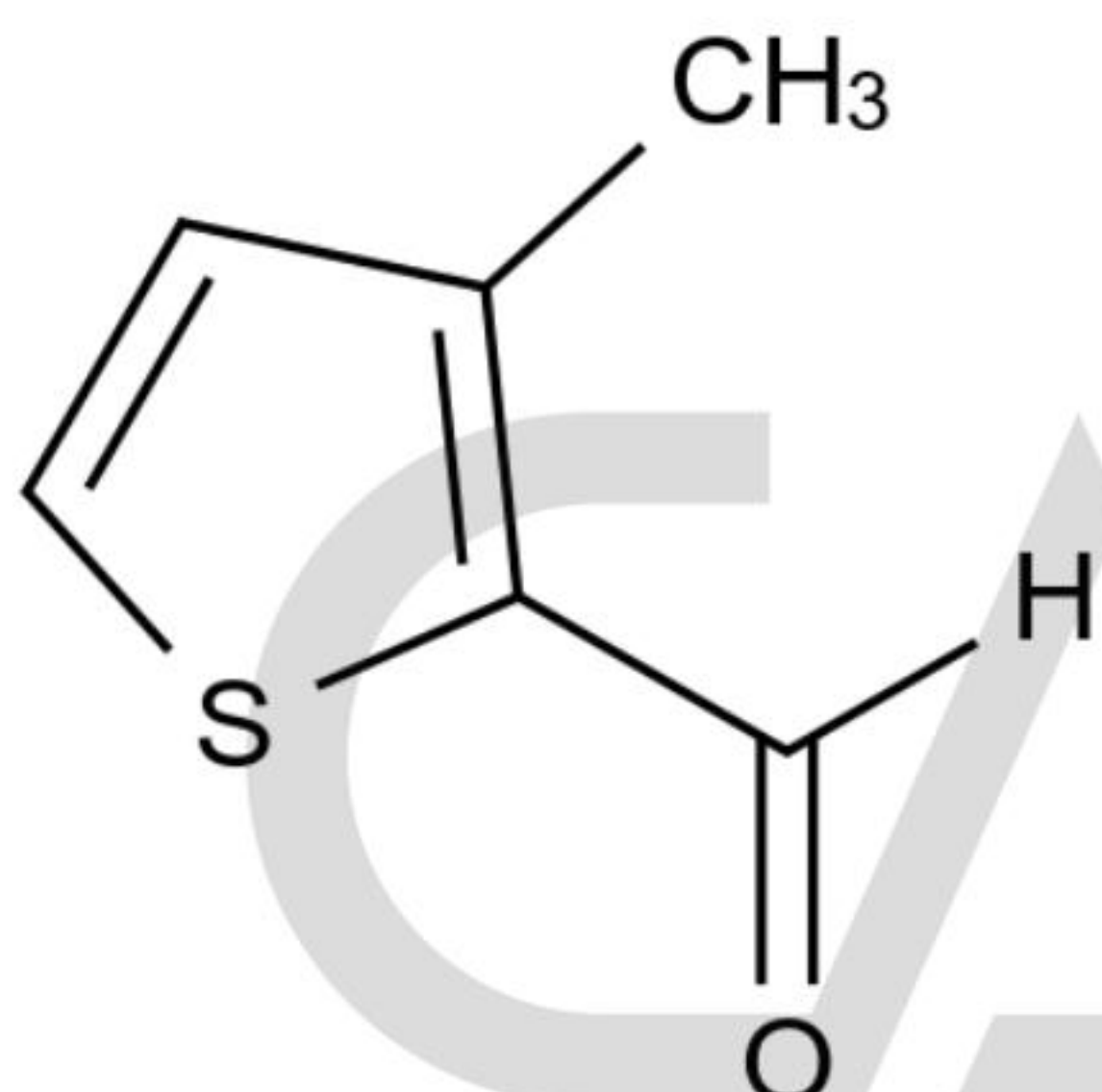
Reference Material & Standard

Product Name:	3-Methylthiophene-2-carboxaldehyde	Catalogue Number:	C1922043
Synonyms:	N/A	Lot Number:	1202-RG-0082
CAS Number:	5834-16-2	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₆ H ₆ OS	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	126.18	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	91.4%
Uncertainty		±1.6%

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

Date: Dec 11, 2025

Date: Dec 11, 2025



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