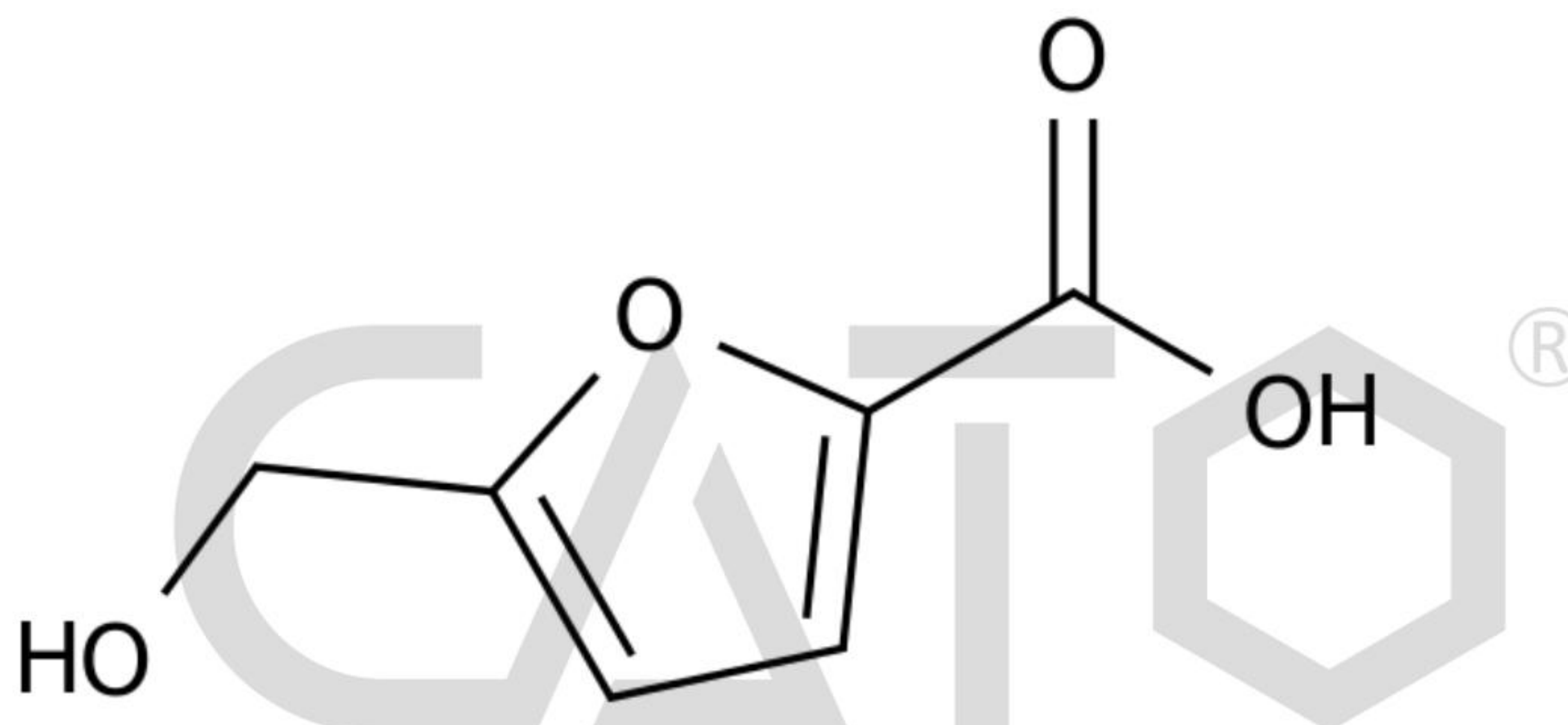


Certificate of Analysis

Reference Material & Standard

Product Name:	5-(Hydroxymethyl)furan-2-carboxylic Acid	Catalogue Number:	C3D-4696
Synonyms:	N/A	Lot Number:	0510-RF-0027
CAS Number:	6338-41-6	Expiry Date:	May 17, 2030
Molecular Formula:	C ₆ H ₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	142.11	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.870%
Loss on Drying	TGA	0.1054%
Assay		98.8%

Comment:

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

$Assay (\%) = (100\% - Loss\ on\ Drying) * Purity\ HPLC (\%) / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 18, 2026

Date: May 18, 2026

Date: May 18, 2026



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