



CERTIFICATE OF ANALYSIS

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1. Identification

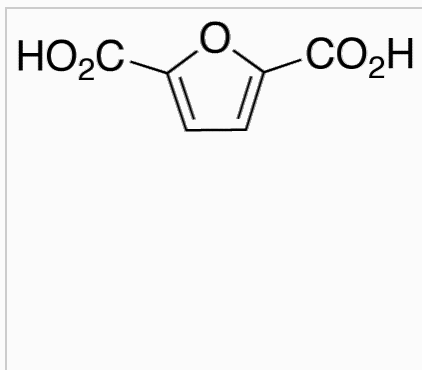
Catalogue Number: F863750

CAS Number: 3238-40-2

Product: 2,5-Furandicarboxylic Acid

Synonym: Dehydromucic Acid; Furane- α,α' -dicarboxylic Acid; NSC 40740; FDCA;

Structure:



Molecular Formula:

C₆H₄O₅

Molecular weight:

156.09

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 14-QIU-98-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Hygroscopic, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Dark Brown Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.80, %H: 2.43
MS	Conforms to Structure	Conforms
Water Content	Report Result	~4.8% based on Elemental Analysis
HPLC Purity	Report Result	98.82% (260 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	3/21/2022	3/19/2026