



CERTIFICATE OF ANALYSIS

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1. Identification

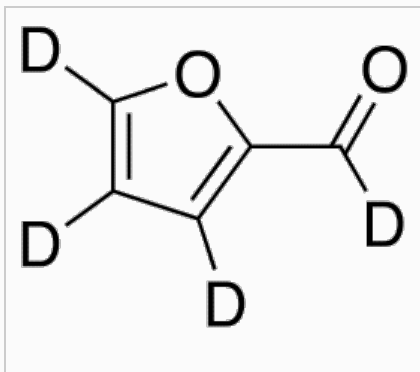
Catalogue Number: F864172

CAS Number: 1219803-80-1

Product: Furfural-d4 (Stabilized with BHT)

Synonym: 2-Furaldehyde-d4; 2-Formylfuran-d4; 2-Furaldehyde-d4; 2-Furancarbaldehyde-d4; 2-Furancarbal-d4; 2-Furfural-d4; 2-Furfuraldehyde-d4; 2-Furylaldehyde-d4; 2-Furylcarboxaldehyde-d4; Fural-d4; Furaldehyde-d4; Furan-2-carboxaldehyde-d4; Furancarbal; Furfuraldehyde-d4; Furfurol-d4; Furfurol-d4; Furfurylaldehyde-d4; Furole-d4; α -Furole-d4

Structure:



Molecular Formula:

C₅D₄O₂

Molecular weight:

100.11

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: GH-186

Purity: 97%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Very Dark Brown Oil	Dark Yellow Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.30, %H: 3.72
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.4% (d0 = 0.00%)
HPLC Purity	Report Result	100.00% (275 nm)

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRC

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

1/20/2022

Retest Date

1/18/2026