



CERTIFICATE OF ANALYSIS

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1. Identification

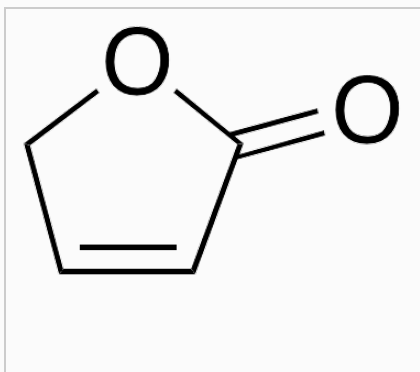
Catalogue Number: F864050

CAS Number: 497-23-4

Product: 2-Furanone

Synonym: 4-Hydroxycrotonic Acid γ -Lactone; 2,5-Dihydrofuranone; 2-Buten-4-olide; 2-Oxo-2,5-dihydrofuran; 4-Hydroxy-2-butenic Acid Lactone; 4-Hydroxy-2-butenic Acid γ -Lactone; 5-Oxo-2,5-dihydrofuran-3-yl Ester; 5H-Furan-2-one; Cratone; Isocrotonolactone; NSC 197009; NSC 51296; $\Delta\alpha,\beta$ -Butenolide; α,β -Crotonolactone; γ -Crotonolactone; γ -Crotonolactone; γ -Hydroxycrotonic Acid Lactone

Structure:



Molecular Formula:

C₄H₄O₂

Molecular weight:

84.07

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly)

Lot Number: 1-JLO-35-1

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Brown Oil	Clear Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.27, %H: 4.92
MS	Conforms to Structure	Conforms

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
Evan Burns	Toni Rantanen	Chanell Chu	1/28/2022	1/26/2026
				