



CERTIFICATE OF ANALYSIS

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1. Identification

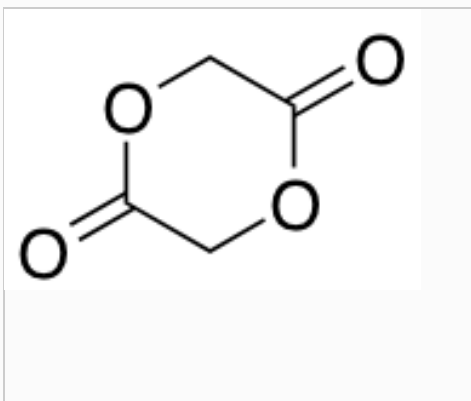
Catalogue Number: D485883

CAS Number: 502-97-6

Product: 1,4-Dioxane-2,5-dione

Synonym: Glycolide S;

Structure:



Molecular Formula:

C₄H₄O₄

Molecular weight:

116.07

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Dichloromethane (Slightly),
DMSO (Slightly), Methanol (S)

Lot Number: 2023-QIU-187

Purity: 98%

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

White to Off-White Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 41.22, %H: 3.37

GC Purity

Report Result

99.38%

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

Nicole Yip

Toni Rantanen

Christina Gouliaras

4/3/2023

4/1/2027