



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

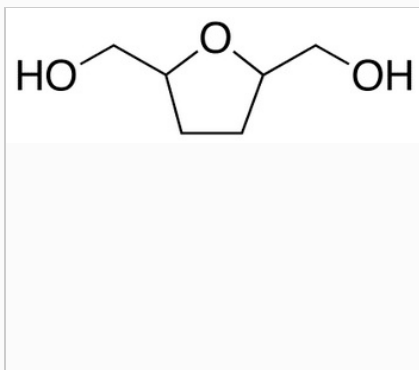
Catalogue Number: B446375

CAS Number: 104-80-3

Product: 2,5-Bishydroxymethyl Tetrahydrofuran

Synonym: 2,5-Anhydro-3,4-dideoxyhexitol; Tetrahydro-2,5-furandimethanol; NSC 40741; ;

Structure:



Molecular Formula:

C₆H₁₂O₃

Molecular weight:

132.16

Source of Product:

Synthetic

Solubility:

Ethyl Acetate (Slightly),
Methanol (Slightly)

Lot Number: 3-KMT-127-3

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1: Very Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colorless to Pale Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.58, %H: 8.95
MS	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 8 : 2; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.75. Elemental Analysis: (Theoretical) %C: 54.53, %H: 9.15

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Hanxiang Li	Toni Rantanen	My Nguyen	2/12/2020	2/10/2027