



CERTIFICATE OF ANALYSIS

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1. Identification

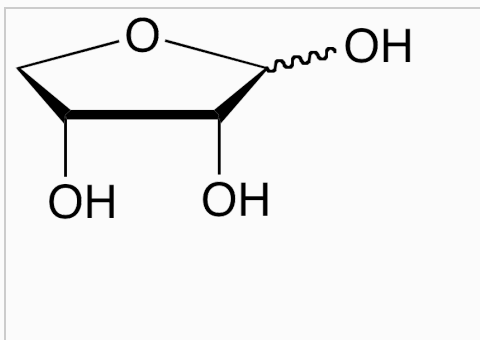
Catalogue Number: E650130

CAS Number: 583-50-6

Product: D-Erythrose (w/v = 10 mg/ml in water)

Synonym: (2R,3R)-2,3,4-Trihydroxybutanal;
D-(-)-Erythrose;

Structure:



Molecular Formula:

C₄H₈O₄

Molecular weight:

120.1

Source of Product:

N/A

Solubility:

Methanol, Water

Lot Number: 4-BLL-86-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Solution	Clear Colourless Solution
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 8 : 2; Visualized with UV, AMCS, and KMnO₄; R_f = 0.40.

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
Eric Beaton	Toni Rantanen	My Nguyen	1/6/2020	1/4/2027