



CERTIFICATE OF ANALYSIS

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1. Identification

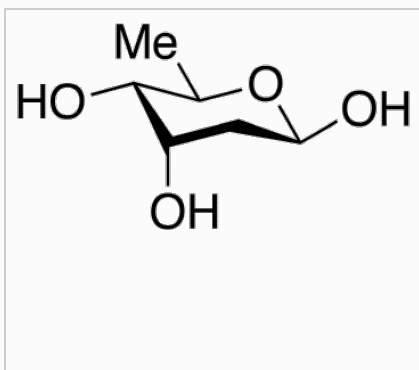
Catalogue Number: D445990

CAS Number: 527-52-6

Product: D-Digitoxose (>85%)

Synonym: 2,6-Dideoxy-D-ribo-hexose; Digitoxose; (+)-Digitoxose; 2,6-Dideoxy-D-altrose; NSC 87513;

Structure:



Molecular Formula:

C₆H₁₂O₄

Molecular weight:

148.16

Source of Product:

Synthetic

Solubility:

DMSO (Sparingly), Methanol (Slightly), Water (Slightly)

Lot Number: 7-RTW-46-3

Purity: >85%

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 Dark Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.40, %H: 7.82
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+43.9° (c = 0.2, Water)
HPLC Purity	Report Result	98.94% (ELSD)

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 ± 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
Henry Tieu	Toni Rantanen	Christina Gouliaras	5/11/2023	5/9/2027