



CERTIFICATE OF ANALYSIS

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1. Identification

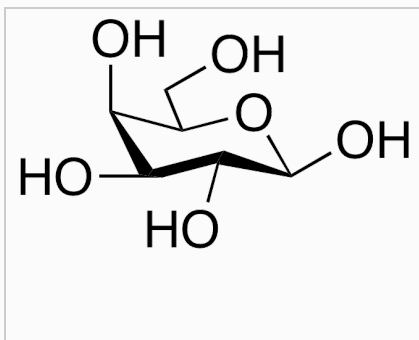
Catalogue Number: G155265

CAS Number: 7296-64-2

Product: β -D-Galactose

Synonym: β -D-Galactopyranose; β -(+)-Galactose; β -D-(+)-Galactose; β -Galactose

Structure:



Molecular Formula:

$C_6H_{12}O_6$

Molecular weight:

180.16

Source of Product:

N/A

Solubility:

No Data Available

Lot Number: 2-PVA-143-1

Purity: 97%

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

Storage Condition:

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 39.53, %H: 6.73
Appearance	White to Off-White Solid	White Solid
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
Specific Rotation	Report Result	+69.9° (c = 0.2, Water; 4 Hours)
NMR	Conforms to Structure	Conforms

Additional Information: Contains: ~3.0% α -D-Galactose

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	Chanell Chu	2/14/2022	2/12/2026