



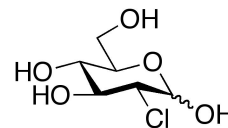
1. Identification

Catalogue Number

D232570

Lot Number

9-SKR-67-1

StructureProduct Name

2-Deoxy-2-chloro-D-glucose

Synonyms

2-Chloro-2-deoxy-D-glucose; USP Fludeoxyglucose Related Compound B;

CAS Number

14685-79-1

SolubilityMethanol (Very Slightly), Water
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_6H_{11}ClO_5$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

198.6

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Sticky Solid to Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 34.66, %H: 5.76

HPLC Purity

>95%

99.61% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+63.0° (c = 0.1, Water)

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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

11/26/2024

Retest Date

11/24/2028