



CERTIFICATE OF ANALYSIS

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1. Identification

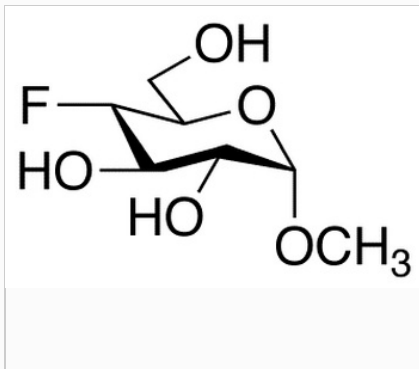
Catalogue Number: M305275

CAS Number: 56926-53-5

Product: Methyl 4-Deoxy-4-fluoro- α -D-glucose

Synonym: (2S,3R,4R,5S,6R)-5-fluoro-6-(hydroxymethyl)-2-methoxytetrahydro-2H-pyran-3,4-diol

Structure:



Molecular Formula:

C₇H₁₃FO₅

Molecular weight:

196.17

Source of Product:

Synthetic

Solubility:

Methanol (Very Slightly),
Water (Slightly, Sonicated)

Lot Number: 5-EQJ-181-1

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	White to Pale Beige Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.67, %H: 6.91
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
GC	>95%	98.61%

Additional Information:

TLC Conditions: C18; Acetonitrile : Ethyl Acetate : Water = 6 : 2 : 2;
Visualized with AMCS; Single Spot, R_f = 0.65. Elemental Analysis:
(Theoretical) %C: 42.86, %H: 6.68

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	My Nguyen	12/4/2019	12/2/2026