Certificate of Analysis

Methyl β-D-Galactopyranoside

Cat. No.: HY-128737 CAS No.: 1824-94-8 Batch No.: 122521

Chemical Name: β-D-Galactopyranoside, methyl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_{14}O_6$ Molecular Weight: 194.18

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥95.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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