

Certificate of Analysis

Date of Testing: 2024-12-16 16:06:44

Date of Next Testing: 2027-12-16 16:06:44

Product Name: **6-Deoxy-D-glucose**

CAS Number: 7658-08-4

Specifications & Purity: $\geq 97\%$

Lot #: L2412681

SKU #: **D331822**

Version: **1**

Analysis #: **441955**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.90000 %
Specific Rotation $[\alpha]_{20/D(C=8.3 \text{ in H}_2\text{O}, 3\text{h})}$	28-32 ($^{\circ}$)	28.13600 $^{\circ}$
Appearance(D331822)	White or slightly yellow crystalline power	White or slightly yellow crystalline power
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager