

Certificate of Analysis

Date of Testing: 2024-12-17 15:12:02
Date of Next Testing: 2027-12-17 15:12:02
Product Name: **2-Azido-2-deoxy-D-glucose**
CAS Number: 56883-39-7
Specifications & Purity: $\geq 98\%$
Lot #: C2209270
SKU #: **A304021**
Version: **0**
Analysis #: **450814**
Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.84400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	21.2-23.5 (°)	23.40°
Appearance (A304021Color)	White	White
Appearance (A304021Form)	Powder	Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager