

Certificate of Analysis

Date of Testing: 2025-02-25 10:40:23
 Date of Next Testing: 2028-02-25 10:40:23
 Product Name: **4-Methylumbelliferyl α -D-glucopyranoside**
 CAS Number: 17833-43-1
 Specifications & Purity: $\geq 98\%$
 Lot #: B2524104
 SKU #: **M331440**
 Version: **1**
 Analysis #: **473277**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80700 %
Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ MeOH})}$	216.5-240 ($^{\circ}$)	230.05 $^{\circ}$
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager