

## Certificate of Analysis

Date of Testing: 2024-03-21 15:40:34

Date of Next Testing: 2027-03-21 15:40:34

Product Name: **4-Methylumbelliferyl  $\alpha$ -D-glucopyranoside**

CAS Number: 17833-43-1

Specifications & Purity: 98%

Lot #: C2419395

SKU #: **M331440**

**Analysis:** **326788**

Storage Temperature: Store at -20°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                            | 98-100 (%)            | 98.99600 %            |
| Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ MeOH})$ | 216.5-240 (°)         | 239.95 °              |
| Proton NMR spectrum                                     | Conforms to structure | Conforms to Structure |



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QA & QC Manager