

## Certificate of Analysis

Date of Testing: 2023-02-22 17:12:01  
Date of Next Testing: 2027-02-21 17:12:01  
Product Name: **4-Methylumbelliferyl-2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside**  
CAS Number: 37067-30-4  
Specifications & Purity: 98%  
Lot #: B2317906  
SKU #: **M107921**  
**Analysis:** **176367**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter                    | Limit Values              | Result                    |
|------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                 | 98-100 (%)                | 99.85900 %                |
| Carbon by Elemental Analysis | 55.8-56.9 (%)             | 56.71 %                   |
| Oxygen by Elemental Analysis | 27.6-28.7 (%)             | 27.78 %                   |
| Appearance (M107921)         | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum          | Conforms to Structure     | Conforms to Structure     |



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