

## Certificate of Analysis

Date of Testing: 2025-08-27 10:58:04  
 Date of Next Testing: 2028-08-26 10:58:04  
 Product Name: **Methyl-2,3-O-isopropylidene-beta-D-ribofuranoside**  
 CAS Number: 4099-85-8  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: H2518153  
 SKU #: **R303676**  
 Version: **1**  
 Analysis #: **564786**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                                   | Limit Values          | Result                |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                                | 95-100 (%)            | 95.97200 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_2\text{Cl}_2)$ | -85--79 (°)           | -79.78 °              |
| Proton NMR spectrum                                                         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager