

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-29 15:26:57  
Date of Next Testing: 2027-07-29 15:26:57  
Product Name: **2,3,4-Tri-O-acetyl- $\alpha$ -D-xylopyranosyl bromide**  
CAS Number: 3068-31-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2422403  
SKU #: **T419637**  
Version: **3**  
Analysis #: **326462**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter  | Limit Values           | Result                |
|--|------------------------|-----------------------|
| Hydrogen by Elemental Analysis                               | 4.25-4.51 (%)          | 4.51 %                |
| Purity(As C)   | 98-100 (%)             | 99.03 %               |
| Specific Rotation $[\alpha]_{20/D}(c=1.4 \text{ in CHCL}_3)$ | 210-217 ( $^{\circ}$ ) | 216.89 $^{\circ}$     |
| Carbon NMR Spectrum  | Conforms to structure  | Conforms to Structure |
| Proton NMR spectrum  | Conforms to structure  | Conforms to Structure |



John Su  
QA & QC Manager