

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-30 16:36:28  
 Date of Next Testing: 2028-05-29 16:36:28  
 Product Name: **L(+)-Arabinose**  
 CAS Number: 5328-37-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: E2428028  
 SKU #: **A106196**  
 Version: **0**  
 Analysis #: **358601**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                        | Limit Values              | Result                    |
|------------------------------------------------------------------|---------------------------|---------------------------|
| Melting point                                                    | 152-166 (°C)              | 165.93000 °C              |
| Purity(HPLC)                                                     | 99-100 (%)                | 99.29600 %                |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ | 102-106 (°)               | 102.30000 °               |
| Appearance (A106196)                                             | White to Off-White Powder | White to Off-White Powder |
| Solubility, 100mg/ml in water                                    | Clear and colorless       | Clear and colorless       |
| Infrared spectrum                                                | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager