

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-07 10:31:47

Date of Next Testing: 2027-03-06 10:31:47

Product Name: **L(+)-Arabinose**

CAS Number: 5328-37-0

Specifications & Purity:  $\geq 99\%$

Lot #: C2302477

SKU #: **A106196**

Version: **0**

Analysis #: **185436**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                        | Limit Values              | Result                    |
|------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                     | 99-100 (%)                | 99.84900 %                |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ | 102-106 (°)               | 102.02000 °               |
| Melting point                                                    | 152-166 (°C)              | 165.98000 °C              |
| Appearance (A106196)                                             | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                | Conforms to Structure     | Conforms to Structure     |
| Solubility, 100mg/ml in water                                    | Clear and colorless       | Clear and colorless       |



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QA & QC Manager