

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-19 14:26:18

Date of Next Testing: 2027-09-19 14:26:18

Product Name: **a-L-Rhamnopyranose**

CAS Number: 6014-42-2

Specifications & Purity:  $\geq 98\%$

Lot #: I2411390

SKU #: **A690495**

Version: **2**

Analysis #: **405232**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                    | 98-100 (%)            | 100.00000 %           |
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ | 6-10 (°)              | 7.95 °                |
| Proton NMR spectrum                                             | Conforms to Structure | Conforms to Structure |
| LC-MS for identification                                        | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager