

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-17 15:33:09

Date of Next Testing: 2026-12-17 15:33:09

Product Name: **D-Hamamelose**

CAS Number: 4573-78-8

Specifications & Purity:  $\geq 98\%$ 

Lot #: L2411104

SKU #: **D130867**Version: **0**Analysis #: **451703**Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

| Parameter                                                       | Limit Values             | Result                   |
|-----------------------------------------------------------------|--------------------------|--------------------------|
| Purity(HPLC)                                                    | 98-100 (%)               | 99.81000 %               |
| Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$ | -9--7 ( $^{\circ}$ )     | -8.80700 $^{\circ}$      |
| Appearance (D130867)                                            | white crystalline powder | white crystalline powder |
| Proton NMR spectrum                                             | Conforms to Structure    | Conforms to Structure    |

John Su  
QA & QC Manager