

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-08 14:59:41

Date of Next Testing: 2028-03-28 14:59:41

Product Name: **Icariin**

CAS Number: 489-32-7

Specifications & Purity: analytical standard, Moligand™, ≥98%

Lot #: D2607405

SKU #: **I107343**

Version: **1**

Analysis #: **677293**

Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values                              | Result                                    |
|---------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Melting point                                           | 235-239 (°C)                              | 238.98000 °C                              |
| Purity(HPLC)                                            | 98-100 (%)                                | 99.95900 %                                |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in Pyridine) | -88--82 (°)                               | -87.50 °                                  |
| Appearance (I107343)                                    | Faint Yellow to Yellow Powder or crystals | Faint Yellow to Yellow Powder or crystals |
| Proton NMR spectrum                                     | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager