

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-20 13:42:33
Date of Next Testing: 2026-05-10 13:42:33
Product Name: **Icariin**
CAS Number: 489-32-7
Specifications & Purity: analytical standard , $\geq 98\%$
Lot #: E2409237
SKU #: **I107343**
Version: **0**
Analysis #: **349074**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---|---|
| Melting point | 235-239 (°C) | 237.74000 °C |
| Purity(HPLC) | 98-100 (%) | 99.19200 % |
| Specific Rotation $[\alpha]_{20/D}(c=1$ in Pyridine) | -88--82 (°) | -87.20° |
| Appearance (I107343) | Faint Yellow to Yellow Powder or crystals | Faint Yellow to Yellow Powder or crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager