

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-10 10:46:37

Date of Next Testing: 2027-05-09 10:46:37

Product Name: **Icariin**

CAS Number: 489-32-7

Specifications & Purity: $\geq 96\%$

Lot #: D2328286

SKU #: **I141014**

Version: **0**

Analysis #: **263378**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.72200 %
Melting point	235-239 (°C)	238.91000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Pyridine})$	-88--82 (°)	-87.65800 °
Appearance (I141014)	Faint Yellow to Yellow Powder or crystals	Faint Yellow to Yellow Powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager