

## Certificate of Analysis

Date of Testing: 2022-03-09 09:30:02  
Date of Next Testing: 2024-02-27 09:30:02  
Product Name: **Icariin**  
CAS Number: 489-32-7  
Specifications & Purity: analytical standard ,  $\geq 98\%$   
Lot #: C2204417  
SKU #: **I107343**  
**Analysis:** **057148**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.51100 %
Melting point	235-239 (°C)	238.29000 °C
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in Pyridine)	-88--82 (°)	-87.72 °
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