

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 10:28:03
 Date of Next Testing: 2029-07-15 10:28:03
 Product Name: **Rutin hydrate**
 CAS Number: 207671-50-9
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: J2109431
 SKU #: **R106911**
 Version: **0**
 Analysis #: **540676**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Sulfate Ash	0-0.5 (%)	0.04000 %
loss on drying(105°C,2 h)	0-8.5 (%)	0.00000 %
Purity(HPLC)	94-100 (%)	94.01000 %
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.60000 %
Appearance (R106911)	Yellow to Yellow-Green Powder or Crystals	Yellow to Yellow-Green Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Pyridine , yellow to brown Clear to slightly hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager