

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-24 09:24:33
 Date of Next Testing: 2026-03-23 09:24:33
 Product Name: **Rutin hydrate**
 CAS Number: 207671-50-9
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: G1812098
 SKU #: **R106911**
 Version: **0**
 Analysis #: **084769**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Sulfate Ash	0-0.5 (%)	0.05000 %
loss on drying(105°C, 2 h)	0-8.5 (%)	7.50900 %
Purity(HPLC)	94-100 (%)	94.33000 %
Purity(Neutralization titration)(calcd. on anhydrous substance)	97.5-102.5 (%)	97.67000 %
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