

Certificate of Analysis

Date of Testing: 2023-09-06 14:43:46

Date of Next Testing: 2027-09-05 14:43:46

Product Name: **(+)-Rutin trihydrate**

CAS Number: 250249-75-3

Specifications & Purity: 97%

Lot #: I2305677

SKU # **R109496**

Analysis: **267553**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	6-9 (%)	8.25 %
Sulfate Ash	0-0.5 (%)	0.23 %
Purity(HPLC)	97-100 (%)	98.55200 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	8-11 (°)	8.01 °
Appearance (R109496)	Yellow to Yellow-Green Powder or Crystals	Yellow to Yellow-Green Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager