

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-09-18 17:12:22
Date of Next Testing: 2028-09-17 17:12:22
Product Name: **(+)-Rutin trihydrate**
CAS Number: 250249-75-3
Specifications & Purity: $\geq 97\%$
Lot #: I2409448
SKU #: **R109496**
Version: **0**
Analysis #: **358820**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	6-9 (%)	7.28500 %
Sulfate Ash	0-0.5 (%)	0.00000 %
Purity(HPLC)	97-100 (%)	97.02000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	8-11 ($^{\circ}$)	8.50100 $^{\circ}$
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