

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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, Room temperature, 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