

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-06 12:14:40
Date of Next Testing: 2027-08-06 12:14:40
Product Name: **Rutin**
CAS Number: 153-18-4
Specifications & Purity: $\geq 95\%$
Lot #: H2402540
SKU #: **R189033**
Version: **0**
Analysis #: **390640**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.53 %
Purity(HPLC)	95-100 (%)	97.18000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	12.82-15.82 ($^{\circ}$)	14.26 $^{\circ}$
Appearance (R189033)	Light Yellow to Yellow and Yellow-Green Powder	Light Yellow to Yellow and Yellow-Green Powder
Mass spectrum	Conforms to standard	Conforms to standard



John Su
QA & QC Manager