

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-28 15:13:31
 Date of Next Testing: 2027-09-28 15:13:31
 Product Name: **Rutin**
 CAS Number: 153-18-4
 Specifications & Purity: $\geq 95\%$
 Lot #: I2419510
 SKU #: **R189033**
 Version: **0**
 Analysis #: **394075**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.75880 %
Purity(HPLC)	95-100 (%)	99.42000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	12.82-15.82 (°)	13.57100 °
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