

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-08 14:32:18  
Date of Next Testing: 2025-12-07 14:32:18  
Product Name: **Rutin**  
CAS Number: 153-18-4  
Specifications & Purity: 95%  
Lot #: L2202248  
SKU #: **R189033**  
**Analysis:** **152415**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.25 %
Purity(HPLC)	95-100 (%)	95.35400 %
Specific Rotation [a] <sub>20</sub> /D(c=0.5 in EtOH)	12.82-15.82 (°)	15.72 °
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