

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-08 13:33:34

Date of Next Testing: 2025-12-07 13:33:34

Product Name: **Rutin**

CAS Number: 153-18-4

Specifications &amp; Purity: 95%

Lot #: L2202261

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>D</sub> 20/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