

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 19:24:37

Date of Next Testing: 2027-12-09 19:24:37

Product Name: **Rutin**

CAS Number: 153-18-4

Specifications & Purity: $\geq 95\%$

Lot #: L2406698

SKU #: **R189033**

Version: **0**

Analysis #: **424514**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.99690 %
Purity(HPLC)	95-100 (%)	99.67300 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	12.82-15.82 (°)	12.98500 °
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