

## Certificate of Analysis

Date of Testing: 2022-10-26 14:17:58  
Date of Next Testing: 2025-10-25 14:17:58  
Product Name: **Rutin**  
CAS Number: 153-18-4  
Specifications & Purity: 95%  
Lot #: J2225580  
SKU #: **R189033**  
**Analysis:** **143413**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.24300 %
Specific Rotation [α] <sub>20</sub> /D(c=0.5 in EtOH)	12.82-15.82 (°)	14.78 °
Water by Karl Fischer	0-1 (%)	0.53 %
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