

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-09-04 11:32:26  
Date of Next Testing: 2027-09-03 11:32:26  
Product Name: **Quercetin dihydrate**  
CAS Number: 6151-25-3  
Specifications & Purity:  $\geq 97\%$   
Lot #: H2331041  
SKU #: **Q104838**  
Version: **2**  
Analysis #: **246896**  
Storage Temperature: Protected from light, Room temperature

| Parameter                                   | Limit Values           | Result                 |
|---------------------------------------------|------------------------|------------------------|
| Water by Karl Fischer                       | 0-15 (%)               | 6.33000 %              |
| Purity(HPLC)                                | 97-100 (%)             | 97.13500 %             |
| Appearance (Q104838)                        | White to Yellow Powder | White to Yellow Powder |
| Carbon NMR Spectrum                         | Conforms to Structure  | Conforms to Structure  |
| Proton NMR spectrum                         | Conforms to structure  | Conforms to Structure  |
| Solubility in ethanol(10mg/ml),clear,yellow | Pass                   | Pass                   |

