

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-16 14:02:25  
Date of Next Testing: 2030-03-15 14:02:25  
Product Name: **Quercetin**  
CAS Number: 117-39-5  
Specifications & Purity: Moligand™, ≥95%  
Lot #: C2605187  
SKU #: **Q111274**  
Version: **2**  
Analysis #: **674251**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4 (%)	0.73000 %
Purity(HPLC)	95-100 (%)	96.80300 %
Melting point	310-318 (°C)	312.05000 °C
Appearance (Q111274)	yellow to yellow-green powder	yellow to yellow-green powder
Solubility in 1 M NaOH , Red to Very Dark Red,50 mg/mL	pass	Pass
CNMR Compared with the standard	Conforms to Structure	Conforms to Structure
Identification test (add ferric chloride to show brownish green color)	Pass	Pass



John Su  
QA & QC Manager