

## Certificate of Analysis

Date of Testing: 2023-02-01 11:30:39  
Date of Next Testing: 2027-01-31 11:30:39  
Product Name: **Quercetin**  
CAS Number: 117-39-5  
Specifications & Purity: 95%  
Lot #: A2330113  
SKU #: **Q111274**  
**Analysis:** **150929**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-4 (%)	3.98 %
Purity(HPLC)	95-100 (%)	96.05800 %
Appearance (Q111274)	yellow to yellow-green powderyellow to yellow-green powder	
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NaOH , Red to Very Dark Red,50 mg/mL pass		Pass
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager