

## Certificate of Analysis

Date of Testing: 2024-11-11 18:50:15

Date of Next Testing: 2028-11-10 18:50:15

Product Name: **Quercetin**

CAS Number: 117-39-5

Specifications & Purity: Moligand™, ≥95%

Lot #: K2405042

SKU #: **Q111274**

Version: **1**

Analysis #: **294416**

Storage Temperature: Store at -20°C

| Parameter                                              | Limit Values                   | Result                        |
|--------------------------------------------------------|--------------------------------|-------------------------------|
| Water by Karl Fischer                                  | 0-4 (%)                        | 3.72 %                        |
| Purity(HPLC)                                           | 95-100 (%)                     | 96.06600 %                    |
| Appearance (Q111274)                                   | yellow to yellow-green powdery | yellow 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         |



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