

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-12 17:26:26  
 Date of Next Testing: 2027-08-12 17:26:26  
 Product Name: **Phloretin**  
 CAS Number: 60-82-2  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: H2505467  
 SKU #: **P127748**  
 Version: **1**  
 Analysis #: **528299**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                 | Limit Values                                                         | Result                                                               |
|-------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Purity(HPLC)                              | 98-100 (%)                                                           | 99.62800 %                                                           |
| Carbon by Elemental Analysis(anhydrous)   | 64-67 (%)                                                            | 65.63400 %                                                           |
| Water by Karl Fischer                     | 0-8 (%)                                                              | 1.11310 %                                                            |
| Appearance (P127748)                      | White to off-white to Light yellow to Light orange powder to crystal | White to off-white to Light yellow to Light orange powder to crystal |
| Proton NMR spectrum                       | Conforms to Structure                                                | Conforms to Structure                                                |
| Solubility in MeOH , Faint Yellow to pass |                                                                      | Pass                                                                 |
| Yellow Clear, 50 mg/ml                    |                                                                      |                                                                      |



John Su  
QA & QC Manager