

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 17:10:47  
 Date of Next Testing: 2029-10-14 17:10:47  
 Product Name: **Neohesperidin dihydrochalcone**  
 CAS Number: 20702-77-6  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: J2511036  
 SKU #: **N140621**  
 Version: **0**  
 Analysis #: **394685**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                           | Limit Values              | Result                    |
|---------------------------------------------------------------------|---------------------------|---------------------------|
| Water by Karl Fischer                                               | 0-12 (%)                  | 11.00000 %                |
| Purity(HPLC)                                                        | 95-100 (%)                | 98.00000 %                |
| Appearance (n140621)                                                | White to Off-White Powder | White to Off-White Powder |
| $^{13}\text{C}$ NMR Spectrum                                        | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                                                 | Conforms to Structure     | Conforms to Structure     |
| Solubility in $\text{H}_2\text{O}$ , Yellow Clear to Hazy(50 mg/ml) | pass                      | Pass                      |



John Su  
QA & QC Manager