

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-30 17:41:50

Date of Next Testing: 2026-03-29 17:41:50

Product Name: **Genistin**

CAS Number: 529-59-9

Specifications & Purity:  $\geq 95\%$ (HPLC), from Glycine max (soybean)

Lot #: E1803103

SKU #: **G113838**

Version: **0**

Analysis #: **085871**

Storage Temperature: Store at -20°C

| Parameter                                                               | Limit Values                                         | Result                                               |
|-------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Carbon by Elemental Analysis                                            | 57.8-58.8 (%)                                        | 58.10000 %                                           |
| Purity(HPLC)                                                            | 95-100 (%)                                           | 97.40000 %                                           |
| Appearance (G113838)                                                    | White to Yellow to Tan Powder,<br>Crystals or Chunks | White to Yellow to Tan Powder,<br>Crystals or Chunks |
| Proton NMR spectrum                                                     | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in DMSO , Pale Yellow to Yellow<br>Clear(9.80 - 10.20 mg/ml) | Conforms                                             | Conforms                                             |



John Su  
QA & QC Manager