

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-30 14:04:25

Date of Next Testing: 2028-08-29 14:04:25

Product Name: **Mangiferin**

CAS Number: 4773-96-0

Specifications &amp; Purity: 95%

Lot #: H2429500

SKU #: **M196329**Version: **3**Analysis #: **395058**

Storage Temperature: Store at 2-8°C

| Parameter  | Limit Values                                    | Result                   |
|--|---|--------------------------|
| Purity(HPLC)   | 95-100 (%)                                      | 99.88100%                |
| Specific Rotation [a] <sub>D</sub> 20/D(C=0.1, pyridine) | 30-38 (°)                                       | 30.84300°                |
| Appearance (M196329)                                     | White to Yellow Solid                           | White to Yellow Solid    |
| Solubility in DMSO(80mg/ml)<br>liquid                    | Colorless to yellow to yellowish-brown<br>Clear | pass                     |
| Infrared spectrum  | Conforms to<br>Structure                        | Conforms to<br>Structure |
| Proton NMR spectrum                                      | Conforms to<br>Structure                        | Conforms to<br>Structure |

John Su  
QA & QC Manager