

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-30 12:31:53

Date of Next Testing: 2028-08-29 12:31:53

Product Name: **Mangiferin**

CAS Number: 4773-96-0

Specifications &amp; Purity: 95%

Lot #: H2429499

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) liquid	Colorless to yellow to yellowish-brown Clear	pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager