

Certificate of Analysis

Date of Testing: 2024-09-29 15:16:30

Date of Next Testing: 2028-09-28 15:16:30

Product Name: **Mangiferin**

CAS Number: 4773-96-0

Specifications & Purity: $\geq 95\%$

Lot #: I2424026

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 $[\alpha]_{20/D(C=0.1, \text{pyridine})}$	30-38 (°)	30.84300 °
Appearance (M196329)	White to Yellow Solid	White to Yellow Solid
Solubility in DMSO(80mg/ml)Colorless to yellow to yellowish-brown Clear liquid	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager