

Certificate of Analysis

Date of Testing: 2025-08-18 16:06:19

Date of Next Testing: 2029-08-17 16:06:19

Product Name: **Mangiferin**

CAS Number: 4773-96-0

Specifications & Purity: $\geq 95\%$

Lot #: K2103097

SKU #: **M196329**

Version: **3**

Analysis #: **554882**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.20000 %
Specific Rotation $[\alpha]_{20/D(C=0.1, \text{pyridine})}$	30-38 (°)	31.52000 °
Appearance (M196329)	White to Yellow Solid	White to Yellow Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO(80mg/ml)	Colorless to yellow to yellowish-brown Clear	pass
liquid		Pass



John Su
QA & QC Manager