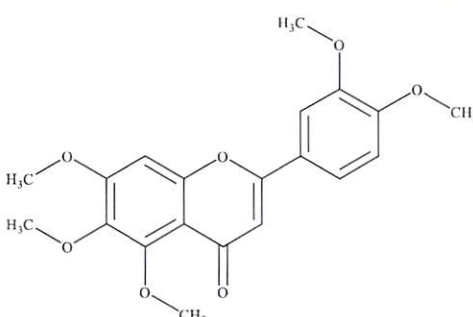


Certificate of Analysis

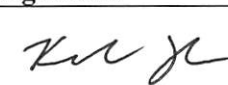

Certificate No.: 20250725502

Date: July 25, 2025

Retest date: July 22, 2028

Compound Name:	Sinensetin	
Synonyms:	2-(3,4-dimethoxyphenyl)-5,6,7-trimethoxy-4H-chromen-4-one	
TLC Catalogue Number:	S-266001	
CAS Number:	2306-27-6	
Alternate CAS Number:	N/A	
Molecular Weight:	372.37	
Molecular Formula:	C ₂₀ H ₂₀ O ₇	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	C0239-004A8	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Acetonitrile	

Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.7%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.2%
Residue (TGA at 900 °C)	N/A	0.0%
Residual Solvents (NMR)	0.5% dichloromethane and 0.3% acetone	
Assay (%)	Not less than 90.0%	98.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		07/25/2025
Approved by:	Quality Assurance		07/25/2025

Attachments: Peak Attribution Table, HPLC, IR, MS, NMR and TGA spectra.