

Certificate of Analysis

Date of Testing: 2025-06-30 13:36:23

Date of Next Testing: 2027-06-30 13:36:23

Product Name: **Chlorogenic acid**

CAS Number: 327-97-9

Specifications & Purity: Moligand™, ≥98%

Lot #: F2520489

SKU #: **C109404**

Version: **1**

Analysis #: **519409**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	2.40 %
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	100.28 %
Purity(HPLC)	98-100 (%)	98.95200 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-38--35 (°)	-35.69 °
Appearance (C109404)	White to Off-White Powder	White to Off-White Powder
Solubility in EtOH , Faint Yellow to Dark Yellow,Clear to Hazy,25 mg/ml	pass	Pass
Mass spectrum	Conforms to standard	Conforms to standard
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager