

## Certificate of Analysis

Date of Testing: 2024-05-17 10:25:34  
Date of Next Testing: 2026-05-17 10:25:34  
Product Name: **Chlorogenic acid**  
CAS Number: 327-97-9  
Specifications & Purity: 95%  
Lot #: E2413199  
SKU #: **C109402**  
Version  
Analysis #: **359313**

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	95-105 (%)	99.24 %
Water by Karl Fischer	0-6 (%)	3.49 %
Specific Rotation [a] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-38--35 (°)	-36.87 °
Purity(HPLC)	95-100 (%)	99.15700 %
Appearance (C109402)	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



John Su  
QA & QC Manager