

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-07 15:27:03
 Date of Next Testing: 2026-11-07 15:27:03
 Product Name: **Chlorogenic acid**
 CAS Number: 327-97-9
 Specifications & Purity: Moligand™, ≥98%
 Lot #: K2401294
 SKU #: **C109404**
 Version: **1**
 Analysis #: **423553**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	1.96480 %
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.84000 %
Purity(HPLC)	98-100 (%)	98.05600 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-38--35 (°)	-35.64000 °
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