

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-08 10:02:04
 Date of Next Testing: 2025-10-07 10:02:04
 Product Name: **Chlorogenic acid**
 CAS Number: 327-97-9
 Specifications & Purity: Moligand™, ≥98%
 Lot #: A2207922
 SKU #: **C109404**
 Version: **1**
 Analysis #: **282181**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	1.63000 %
Purity(Neutralization titration)(calcd.on anh.substance)	98-100 (%)	99.01000 %
Purity(HPLC)	98-100 (%)	98.36220 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-38--35 (°)	-36.51000 °
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Mass spectrum	Conforms to standard	Conforms to standard



John Su
QA & QC Manager