

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## 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™, ≥95%  
Lot #: F2520489  
SKU #: **C109402**  
Version: **0**  
Analysis #: **536272**  
Storage Temperature: Room temperature

| Parameter   | Limit Values                 | Result                       |
|---|------------------------------|------------------------------|
| Purity(Neutralization titration)(calcd.on anh.substance)                | 95-105 (%)                   | 100.28000 %                  |
| Water by Karl Fischer   | 0-6 (%)                      | 2.39600 %                    |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)         | -38--35 (°)                  | -35.68600 °                  |
| Purity(HPLC)  | 95-100 (%)                   | 98.95200 %                   |
| Appearance (C109402)  | White to Off-White<br>Powder | White to Off-White<br>Powder |
| Solubility in EtOH , Faint Yellow to Dark Yellow,Clear to Hazy,25 mg/ml | pass                         | Pass                         |



John Su  
QA & QC Manager