

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-22 14:01:12

Date of Next Testing: 2024-07-21 14:01:12

Product Name: **Chlorogenic acid**

CAS Number: 327-97-9

Specifications &amp; Purity: 95%

Lot #: G2220470

SKU #: **C109402****Analysis: 066262**

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	95-105 (%)	99.04 %
Water by Karl Fischer	0-6 (%)	3.37 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-38--35 (°)	-37.98 °
Purity(HPLC)	95-100 (%)	98.69760 %
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