

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-18 14:29:23  
Date of Next Testing: 2025-02-07 14:29:23  
Product Name: (-)-Chicoric acid  
CAS Number: 70831-56-0  
Specifications & Purity: analytical standard , ≥98%  
Lot #: B2311486  
SKU #: C107325  
**Analysis: 172864**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Hydrogen	3.67-3.95 (%)	3.92 %
Carbon	53.44-57.9 (%)	55.31 %
Purity(HPLC)	98-100 (%)	98.04600 %
Specific Rotation [α] <sub>25</sub> /D(c=1 in MeOH)	-336~ -330 (°)	-335.98 °
Appearance (C107325)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager