

## Certificate of Analysis

Date of Testing: 2024-10-18 15:07:22  
Date of Next Testing: 2026-10-08 15:07:22  
Product Name: (-)-Chicoric acid  
CAS Number: 70831-56-0  
Specifications & Purity: analytical standard, ≥98%  
Lot #: C2131172  
SKU #: C107325  
Version: 1  
Analysis #: 422947  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Hydrogen	3.67-3.95 (%)	3.71 %
Carbon	53.44-57.9 (%)	55.92 %
Purity(HPLC)	98-100 (%)	98.01170 %
Specific Rotation [α] <sub>25</sub> /D(c=1 in MeOH)	-336--330 (°)	-332.60 °
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