

Certificate of Analysis

Date of Testing: 2022-01-12 12:02:45
Date of Next Testing: 2024-01-02 12:02:45
Product Name: **Chlorogenic acid**
CAS Number: 327-97-9
Specifications & Purity: analytical standard , ≥98%
Lot #: A2207920
SKU #: **C109403**
Analysis: **066712**

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Specific Rotation [α] ₂₀ /D(c=1 H ₂ O) | -38--35 (°) | -37.98° |
| Purity(HPLC) | 98-100 (%) | 98.69760% |
| Appearance (C109403) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager