

## Certificate of Analysis

Date of Testing: 2022-02-23 15:10:21  
Date of Next Testing: 2024-02-13 15:10:21  
Product Name: **Liquiritin**  
CAS Number: 551-15-5  
Specifications & Purity:  $\geq 98\%$  (HPLC) ,from Glycyrrhizae root (licorice root)  
Lot #: G1809149  
SKU #: **L101535**  
**Analysis:** **077167**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	2.80 %
Purity(HPLC)	98-100 (%)	98.99000 %
Appearance (L101535)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,1mg/ml in EtOH	Clear and colorless	Clear and colorless



John Su  
QA & QC Manager