

## Certificate of Analysis

Date of Testing: 2023-12-20 16:08:45  
Date of Next Testing: 2027-12-19 16:08:45  
Product Name: **Isoliquiritigenin**  
CAS Number: 961-29-5  
Specifications & Purity: 98%  
Lot #: L2315070  
SKU #: **I111284**  
**Analysis: 096614**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter  | Limit Values            | Result                  |
|--|-------------------------|-------------------------|
| Purity(HPLC)   | 98-100 (%)              | 98.29600 %              |
| Carbon by Elemental Analysis(anhydrous)                              | 69.8-70.8 (%)           | 70.32 %                 |
| Melting point  | 196-200 (°C)            | 199.52000 °C            |
| Appearance (I111284)   | Yellow to Orange Powder | Yellow to Orange Powder |
| Proton NMR spectrum  | Conforms to Structure   | Conforms to Structure   |
| Solubility in MeOH , Yellow to Dark Yellow Clear(9.80 - 10.20 mg/ml) | pass                    | Pass                    |



John Su  
QA & QC Manager