

Certificate of Analysis

Date of Testing: 2025-04-24 18:43:55

Date of Next Testing: 2027-04-14 18:43:55

Product Name: **Liquiritin**

CAS Number: 551-15-5

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: D2515011

SKU # **L101535**

Version **1**

Analysis #: **248755**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	1.01 %
Purity(HPLC)	98-100 (%)	99.93100 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ MeOH})$	-52~-48 (°)	-51.86 °
Appearance (L101535)	White to off-white solid	White to off-white solid
Solubility, 1mg/ml in EtOH	Clear and colorless	Clear and colorless
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager