

## Certificate of Analysis

Date of Testing: 2022-12-07 16:44:33  
Date of Next Testing: 2024-12-06 16:44:33  
Product Name: **(±)-Gossypol from cotton seeds**  
CAS Number: 303-45-7  
Specifications & Purity: ≥95%  
Lot #: K2228211  
SKU #: **G133787**  
**Analysis: 130161**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	1.93 %
Carbon by Elemental Analysis(anhydrous)	65.5-71 (%)	70.49 %
Purity(HPLC)	95-100 (%)	95.05000 %
Appearance (G133787)	Yellow to brown or green powder or crystals	Yellow to brown or green powder or crystals
Solubility in MeOH , Yellow to Brown,Clear to Very Slightly Hazy,5mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager