

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-08 10:50:59  
Date of Next Testing: 2024-06-27 10:50:59  
Product Name: **(±)-Gossypol-acetic acid**  
CAS Number: 12542-36-8  
Specifications & Purity:  $\geq 97\%$ (HPLC)  
Lot #: L1804128  
SKU #: **G107461**  
**Analysis: 110237**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
UV (E1% at Lambda max 1)	340-400	388.00
Carbon by Elemental Analysis(anhydrous)	65.92-66.92 (%)	66.42%
Purity(HPLC)	97-100 (%)	98.54000%
UV (Lambda max 1)	356-360 (nm)	358.00 nm
Appearance (G107461)	Yellow to Green Powder	Yellow to Green Powder
Identity by NMR(CDCI3)	Consistent	Consistent
Solubility in Acetone , Yellow to Green, Clear, 49.00 - 51.00 mg/ml	pass	Pass
UV (Solvent Cyclohexane)	Conforms	Conforms



John Su  
QA & QC Manager