

## Certificate of Analysis

Date of Testing: 2024-03-06 11:56:50  
Date of Next Testing: 2028-03-05 11:56:50  
Product Name: **3-Indoleacetic acid**  
CAS Number: 87-51-4  
Specifications & Purity: for plant cell culture , 98%  
Lot #: F2009084  
SKU #: **I101074**  
**Analysis:** **326466**  
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Melting point	165-169 (°C)	169.00000 °C
Water by Karl Fischer	0-2 (%)	0.49 %
Purity(Neutralization titration)	98-100 (%)	98.47 %
Appearance (I101074)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager