

## Certificate of Analysis

Date of Testing: 2024-08-12 15:50:09  
Date of Next Testing: 2028-08-11 15:50:09  
Product Name: **3-Indoleacetic acid**  
CAS Number: 87-51-4  
Specifications & Purity: for plant cell culture , 98%  
Lot #: H2409091  
SKU #: **I101074**  
Version: **0**  
Analysis #: **108921**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	165-169 (°C)	168.83000 °C
Water by Karl Fischer	0-2 (%)	1.72 %
Purity(Neutralization titration)	98-100 (%)	99.39 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in EtOH , clear,50mg/ml	pass	Pass
Appearance (I101074)	White to yellow powder or crystals	White to yellow powder or crystals



John Su  
QA & QC Manager