

Certificate of Analysis

Date of Testing: 2025-01-04 15:27:40
Date of Next Testing: 2029-01-03 15:27:40
Product Name: **3-Indoleacetic acid**
CAS Number: 87-51-4
Specifications & Purity: for plant cell culture, ≥98%
Lot #: L2431092
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