

Certificate of Analysis

Date of Testing: 2024-03-14 14:30:42
Date of Next Testing: 2028-03-13 14:30:42
Product Name: **3-Indoleacetic acid**
CAS Number: 87-51-4
Specifications & Purity: for plant cell culture , 98%
Lot #: E2013102
SKU #: **I101074**
Analysis: **330854**
Storage Temperature: Store at -20°C,Argon charged

| Parameter | Limit Values | Result |
|------------------------------------|------------------------------------|------------------------------------|
| Melting point | 165-169 (°C) | 168.62000 °C |
| Water by Karl Fischer | 0-2 (%) | 0.28 % |
| Purity(Neutralization titration) | 98-100 (%) | 98.31 % |
| 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