

## Certificate of Analysis

Date of Testing: 2025-04-16 12:01:38  
Date of Next Testing: 2029-04-15 12:01:38  
Product Name: **3-Indoleacetic acid (IAA)**  
CAS Number: 87-51-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2510464  
SKU #: **I101072**  
Version: **1**  
Analysis #: **489166**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Melting point	166-170 ( $^{\circ}\text{C}$ )	169.99000 $^{\circ}\text{C}$
Purity(Neutralization titration)	97.5-102.5 (%)	98.85 %
Purity(HPLC)	98-100 (%)	99.64800 %
Appearance (I101072)	white to brown crystals or power	white to brown crystals or power
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager