

## Certificate of Analysis

Date of Testing: 2023-01-07 15:22:40  
Date of Next Testing: 2027-01-06 15:22:40  
Product Name: **3-Indoleacetic acid**  
CAS Number: 87-51-4  
Specifications & Purity: 98%  
Lot #: A2305389  
SKU #: **I101072**  
Version: **0**  
Analysis #: **161055**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter                        | Limit Values                     | Result                           |
|----------------------------------|----------------------------------|----------------------------------|
| Ignition Residue (as sulfate)    | 0-0.08 (%)                       | 0.04 %                           |
| Melting point                    | 166-170 (°C)                     | 169.86000 °C                     |
| Purity(Neutralization titration) | 97.5-102.5 (%)                   | 99.73 %                          |
| Purity(HPLC)                     | 98-100 (%)                       | 99.74200 %                       |
| 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