

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-07 15:52:03  
 Date of Next Testing: 2027-01-06 15:52:03  
 Product Name: **3-Indoleacetic acid (IAA)**  
 CAS Number: 87-51-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2305380  
 SKU #: **I101072**  
 Version: **1**  
 Analysis #: **161055**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                        | Limit Values                     | Result                           |
|----------------------------------|----------------------------------|----------------------------------|
| Ignition Residue (as sulfate)    | 0-0.08 (%)                       | 0.03500 %                        |
| Melting point                    | 166-170 ( $^{\circ}\text{C}$ )   | 169.86000 $^{\circ}\text{C}$     |
| Purity(Neutralization titration) | 97.5-102.5 (%)                   | 99.73000 %                       |
| 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