

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-12 15:48:54

Date of Next Testing: 2028-08-11 15:48:54

Product Name: **3-Indoleacetic acid (IAA)**

CAS Number: 87-51-4

Specifications & Purity:  $\geq 98\%$

Lot #: H2409080

SKU #: **I101072**

Version: **1**

Analysis #: **075522**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                        | Limit Values                     | Result                           |
|----------------------------------|----------------------------------|----------------------------------|
| Ignition Residue (as sulfate)    | 0-0.08 (%)                       | 0.07100 %                        |
| Melting point                    | 166-170 (°C)                     | 169.80000 °C                     |
| Purity(Neutralization titration) | 97.5-102.5 (%)                   | 99.26000 %                       |
| Purity(HPLC)                     | 98-100 (%)                       | 99.70700 %                       |
| Proton NMR spectrum              | Conforms to Structure            | Conforms to Structure            |
| Appearance (I101072)             | white to brown crystals or power | white to brown crystals or power |



John Su  
QA & QC Manager