

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-03-20 18:57:35  
Date of Next Testing: 2029-03-19 18:57:35  
Product Name: **1-Naphthylacetic acid**  
CAS Number: 86-87-3  
Specifications & Purity: for plant cell culture, ≥96%  
Lot #: C2514171  
SKU #: **N118453**  
Version: **0**  
Analysis #: **045976**

| Parameter                                                                  | Limit Values                             | Result                                   |
|----------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Beta Isomer by GC                                                          | 0-4 (%)                                  | 0.55600 %                                |
| Purity(GC)                                                                 | 96-100 (%)                               | 96.53600 %                               |
| Melting point                                                              | 129-135 (°C)                             | 129.65000 °C                             |
| Water by Karl Fischer                                                      | 0-2 (%)                                  | 0.08210 %                                |
| Appearance (N118453)                                                       | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Infrared spectrum                                                          | Conforms to Structure                    | Conforms to Structure                    |
| Plant cell culture test                                                    | pass                                     | Pass                                     |
| Solubility in Acetone , Colorless to Yellow Clear to Slightly Hazy,50mg/ml | pass                                     | Pass                                     |



John Su  
QA & QC Manager