

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-28 09:32:46

Date of Next Testing: 2029-10-27 09:32:46

Product Name: **1-Naphthylacetic acid**

CAS Number: 86-87-3

Specifications & Purity: for plant cell culture, $\geq 96\%$

Lot #: J2524056

SKU #: **W21623**

Version: **0**

Analysis #: **596547**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Beta Isomer by GC	0-4 (%)	2.00 %
Purity(GC)	96-100 (%)	97.77 %
Melting point	129-135 (°C)	132.33000 °C
Water by Karl Fischer	0-2 (%)	0.52 %
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
Appearance(W21623)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

