

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-17 10:30:53

Date of Next Testing: 2028-10-16 10:30:53

Product Name: **1-Naphthylacetic acid**

CAS Number: 86-87-3

Specifications & Purity: for plant cell culture, ≥96%

Lot #: J2410352

SKU #: **N118453**

Version: **0**

Analysis #: **045976**

Storage Temperature: Room temperature

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