

Certificate of Analysis

Date of Testing: 2022-12-08 13:44:40
Date of Next Testing: 2026-12-07 13:44:40
Product Name: **2,4-Dichlorophenoxyacetic acid**
CAS Number: 94-75-7
Specifications & Purity: for plant cell culture, $\geq 98\%$ (HPLC)
Lot #: L2201733
SKU #: **D104423**
Version: **0**
Analysis #: **144240**
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88100 %
Water by Karl Fischer	0-5 (%)	0.41 %
Appearance (D104423)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear to Hazy,100 mg/mL	pass	Pass
Plant cell culture test	pass	Pass



John Su
QA & QC Manager