

## Certificate of Analysis

Date of Testing: 2024-11-29 16:04:29  
Date of Next Testing: 2028-11-28 16:04:29  
Product Name: **2,4-Dichlorophenoxyacetic acid**  
CAS Number: 94-75-7  
Specifications & Purity: for plant cell culture,  $\geq 98\%$ (HPLC)  
Lot #: K2427167  
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