

## Certificate of Analysis

Date of Testing: 2023-07-11 13:55:38  
Date of Next Testing: 2027-07-10 13:55:38  
Product Name: **2,4-Dichlorophenoxyacetic acid**  
CAS Number: 94-75-7  
Specifications & Purity: for plant cell culture,  $\geq 98\%$ (HPLC)  
Lot #: I1924138  
SKU #: **D104423**  
**Analysis:** **249979**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.01000 %
Water by Karl Fischer	0-5 (%)	3.01 %
Appearance (D104423)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear to Hazy, 100 mg/mL	pass	Pass



John Su  
QA & QC Manager