

Certificate of Analysis

Date of Testing: 2022-12-08 14:13:41
Date of Next Testing: 2026-12-07 14:13:41
Product Name: **2,4-Dichlorophenoxyacetic acid**
CAS Number: 94-75-7
Specifications & Purity: for plant cell culture, $\geq 98\%$ (HPLC)
Lot #: L2201734
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